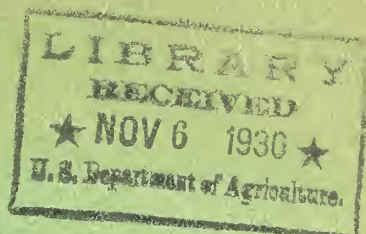


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Wilson S. Brower

COMPANY, INCORPORATED

SUCCESSORS TO

MUZZY BROTHERS

1930



89 VAN HOUTEN STREET

PATERSON, N. J.

Established 1835

Sherwood 1388

Vegetable Seed Trials

D. N. Shoemaker

MAR 18 1930

SPECIAL NOTICE



OUR Aim is to sell the Best Seeds Obtainable. We give no warranty, expressed or implied as to description, purity, quality, productiveness, or any other matter of any seeds, bulbs or plants we sell, and we will not in any way be responsible for the crop. If the purchaser does not accept the goods on these terms they are to be returned, and money refunded. **NOT TESTED SEED.** So marked to comply with chapter 228, Laws N. J., 1916

WILSON S. BROWER COMPANY, Inc.

Successors to

MUZZY BROTHERS

SEED AND AGRICULTURAL WAREHOUSE

89 Van Houten Street

Paterson, N. J.

PRICES SUBJECT TO CHANGES WITHOUT NOTICE

Special Notice to Market Gardeners

We sell to Market Gardeners, Truckers and Farmers' Clubs at special wholesale rates, and solicit your inquiries for close prices on round lots.

QUANTITY OF SEEDS FOR A GIVEN NUMBER OF PLANTS, ETC.

Asparagus	1 oz. to 60 ft. drill
Beet	1 oz. to 50 ft. drill
Carrot	1 oz. to 150 ft. drill
Endive	1 oz. to 150 ft. drill
Okra	1 oz. to 40 ft. drill
Onion	1 oz. to 100 ft. drill
Onion Sets, small	1 qt. to 20 ft. drill
Parsley	1 oz. to 150 ft. drill
Parsnip	1 oz. to 200 ft. drill
Radish	1 oz. to 100 ft. drill
Salsify	1 oz. to 70 ft. drill
Spinach	1 oz. to 100 ft. drill
Turnip	1 oz. to 150 ft. drill
Peas	1 qt. to 100 ft. drill
Dwarf Peas	1 qt. to 100 ft. drill

Pole Beans	1 qt. to 150 hills
Corn	1 qt. to 200 hills
Cucumber	1 oz. to 50 hills
Water Melon	1 oz. to 30 hills
Musk Melon	1 oz. to 60 hills
Pumpkin	1 oz. to 40 hills
Early Squash	1 oz. to 50 hills
Marrow Squash	1 oz. to 16 hills
Cabbage	1 oz. to 3,000 plants
Cauliflower	1 oz. to 3,000 plants
Celery	1 oz. to 4,000 plants
Egg Plant	1 oz. to 2,000 plants
Lettuce	1 oz. to 4,000 plants
Pepper	1 oz. to 2,000 plants
Tomato	1 oz. to 2,000 plants

Formula for LAWN GRASS SEED MIXTURES

Recommended By The New Jersey Agricultural Experiment Station

Formula No. 1—Standard Mixture

	With Clover	Without Clover
Kentucky blue grass	45%	50%
Redtop (recleaned)	25%	25%
So. German mixed bent	10%	10%
Rye grass	15%	15%
White Clover	5%	
Minimum purity	84.9%	84.0%
Minimum germination	80.7%	80.2%
Approx. No. seeds per lb.	3,000,000	3,170,000

Formula No. 2—For Finest Quality Turf

Redtop (recleaned)	20%
Kentucky blue grass	40%
So. German mixed bent	40%
Minimum purity	79.6%
Minimum germination	78.0%
Approx. No. seeds per lb.	5,070,000

Formula No. 3—For Shaded Areas

Meadow fescue	10%
Poa trivialis	30%
Red fescue	20%
So. German mixed bent	10%
Redtop (recleaned)	10%
Kentucky blue grass	20%
Minimum purity	84.3%
Minimum germination	79.0%
Approx. No. seeds per lb.	2,700,000

Formula No. 4—For Poor or Sandy Soils

Redtop (recleaned)	20%
Chewings red fescue	35%
Rhode Island bent	10%
Kentucky blue grass	15%
Rye grass	15%
White clover	5%
Minimum purity	86.6%
Minimum germination	80.0%
Approx. No. seeds per lb.	2,380,000

NEW VARIETIES FOR 1930

CARROTS

MORSE'S RED-CORED CHANTENAY. A carrot with the shape and size and general characteristics of Chantenay. The core being the same color as the flesh, is inconspicuous, is tender and sweet and does not look yellow in cooking. 1 oz., 25c; 4 oz., 70c; 1 lb., \$2.50.

WAX BEANS

DELICIOUS WAX, LANDRETHS'—54 DAYS. This is a splendid, very productive, round podded Wax Bean, with extremely healthy vines. This Stock was selected very carefully from Stringless Green Pod in their Trial Ground at Filer, Idaho. It is the same in every respect as the Stringless Green Pod except that the Pod is a Wax instead of a Green Pod. This bean should supersede the Improved Golden Wax as it is a much better quality. The pods are round and absolutely stringless. The dry Seed being identical in appearance to the Stringless Green Pod. 1 lb., 65c; 5 lb., \$3.00; 10 lb., \$5.50.

TOMATO

MARGLOBE. This new main-crop or midseason tomato is a wilt-resistant variety bred for use in disease infected districts. In addition to being wilt-resistant, it is a handsome deep red globe shaped tomato of great merit. The plants are vigorous and productive and the fruits are quite large. In our trials they averaged 7½ ounces in weight. The flavor seems to be a happy medium between the acid and non-acid sorts. The shape and size of the fruits makes this a very desirable salad or slicing tomato and the color and quality seem ideally fitted for canning. 1 oz., 75c; 4 oz., \$2.00; 1 lb., \$7.00.

LETTUCE

WONDERFUL OR NEW YORK. This is the variety used almost exclusively in our markets and is grown on an immense scale. The variety is deep green, but when prepared for the table the head is almost white and very crisp. It thrives in cool weather and is not recommended for the house garden in mid-summer. The proper name for the variety is **NEW YORK**, under which name it was introduced into America years ago, and in ordering, customers should use this name to get the true variety. We have an excellent and highly developed strain of it which is used in large quantities by the big shippers. For garden culture, sow the seed thinly and thin the plants when in the fourth leaf to at least twelve inches apart. This will seem like a wide distance, but to make solid heads, the plants need plenty of room. The soil should be well fertilized and irrigated. 1 oz., 25c; 4 oz., 75c; 1 lb., \$2.00.

BEETS

EARLY WONDER. Roots are of globe shape with small top and the color of the flesh is deep blood red slightly zoned. Quality is excellent. May be used for both early and late plantings. 1 oz., 15c; 4 oz., 40c; 1 lb., \$1.25.

SPINACH

VIRGINIA SAVOY—The Blight or Yellows Resistant Savoy Spinach. For many years growers of spinach around Norfolk have lost considerable money each season because of a disease in spinach commonly called "Spinach Blight," which often destroys whole crops. Several years ago the Virginia Truck Experiment Station at Norfolk began experiments to get rid of this disease, and after six years of hard work succeeded, by hybridization, in breeding a spinach that was practically "Blight Resistant," and which we have named Virginia Savoy. This variety should be used in preference to ordinary Bloomsdale Savoy in sections where "blight" is prevalent. 1 oz., 15c; ¼ lb., 35c; 1 lb., 75c.

CELERY

GOLDEN PHENOMENAL. The plants are heavy, compact and full hearted. The stems are broad and thick, brittle and free from strings, of fine flavor and of excellent quality all through. In other words this is Golden Plume with all the good qualities of Golden Plume but in addition is taller with longer edible stems. 1 oz., \$3.00; 4 oz., \$8.00; 1 lb., \$30.00.

WILSON S. BROWER COMPANY, Inc.

Successors to

MUZZY BROTHERS'

ANNUAL

Seed Catalogue

FOR 1930

Prices Subject to Change.

It is our endeavor to maintain the prices quoted in this Catalogue throughout the season, but owing to the present very unsettled conditions they are subject to change without notice.

Wilson S. Brower Co., Inc., give no warranty, expressed or implied, as to the description, quality, productiveness or any other matter of any seeds, bulbs or plants they send out, and they will not be in any way responsible for the crop. If the purchaser does not accept the goods on these terms, they are at once to be returned, not tested seed so marked to comply with Chapter 228, Laws of N. J., 1916.

ARTICHOKE

German, Artichocke; French, Artichaut; Spanish, Albachofa.

	Pkt.	Oz.
French Globe	\$0.10	\$1.25

The Seeds should be sown early in the spring, in drills an inch and a half deep, and one foot apart. The next spring transplant to permanent beds, in rows or hills three feet apart and two feet between the plants. Plant in a deep rich, moist loam, and the plants should be protected in winter by a covering of leaves or coarse manure. A bed will continue bearing for several years.

Jerusalem Artichoke, Tubers	25 cents each
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ASPARAGUS

German, Spargel; French, Asperge; Spanish, Esparrago.

Pkt. 5 cents

	Per oz.	¼ lb.	Per lb.
Conover's Colossal .....	.15	.40	1.00
Palmetto, a light green variety .....	.15	.45	1.25

	Per 50	Per 100	Per 1000
ROOTS			
Roots Palmetto, 2 years	1.00	1.50	12.50
Roots Mary Washington, 2 years	1.75	3.00	23.00

Sow the seeds early in spring, in drills 15 inches apart, and about a dozen to the foot in the drill; keep the soil mellow and free from weeds during the summer, and in the succeeding spring transplant to permanent beds which should be done in the following manner as described by a cultivator of Oyster Bay Asparagus.

Plant on sandy soil. To grow Asparagus in perfection, the soil need not necessarily be richer than it must be to produce a good crop of corn. Some experiments have shown that by heavily manuring the crop cannot be made permanently greater than by moderate dressings. It is not desirable to plant them out very early; more plants will fail to grow than when the planting is deferred until the soil is dry and warm.

In planting for private use; set out in rows two feet apart, and allow twelve inches in the row. Set the plants at least six inches below the surface. For market on a large scale set four feet apart one way and two the other, which will allow the use of a horse and cultivator to keep the weeds under.

BEANS

10 cents Pkt.

German, Gartenbohne; French, Fève de Marais; Spanish, Hava.
English or Broad.

	1 lb.	2 lb.
Broad Windsor	\$0.50	\$0.95

This class is very hardy and should be planted as soon as the soil is in good state in the spring. Plant four inches apart, and two inches deep in drills four feet apart. To insure well filled pods, pinch off the tops as the lower pods begin to set.

Bountiful, Extra Early. Very prolific and long bearing. Flat green pods, tender and stringless. 1 lb., 50c; 2 lb., 90c.

Valentine Black, long round, green, solid pod, very early. 1 lb. 40c; 2 lbs. 75c; 10 lbs. \$3.50.

Valentine, Giant Stringless, about seven days later than extra Early Valentine. Slightly curved pod, brittle and stringless; a strong grower and good yielder. 1 lb. 40c; 2 lb. 75c; 10 lb. \$3.50.

Valentine, Early. Productive, tender and of excellent flavor. 1 lb. 40c; 2 lb. 70c; 10 lb. 3.00.

Beans, French's Horticultural. These are a late sort, usually listed under the Dwarf, Green Podded variety, but they are between a bush and a pole bean, having some runners but do not require poling. Pods are 7 to 8 inches long, and in the green stage can be used for a snap bean, and later as a shell bean. The pod is splashed with red. 1 lb. 50c; 2 lb. 90c; 10 lb. 4.00.

Burpee's Stringless Green Pod, the best stringless bean grown. Ten days to two weeks earlier than the valentine; pods full and fleshy, extremely crisp and absolutely stringless. Very productive. 1 lb. 45c; 2 lb. 80c; 10 lb. \$3.50.

Refugee or Thousand to One. (Late variety.) The pods are round and full, stringless and of fine quality. 1 lb. 40c; 2 lb. 75c; 10 lb. \$3.50.

DWARF LIMA AND DWARF WHITE BEANS

Burpee's Improved Bush Lima. Beans are large as Large Lima, stout growth, branches vigorously, bearing 50 to 200 large pods well filled with very large beans. 1 lb. 45c; 2 lb. 85c; 10 lb., \$3.50.

Fordhook Bush Beans. 1 lb., 50c; 5 lb., \$2.25; 10 lb., \$4.00.

White Marrowfat, grown for sale in the dry state. 1 lb. 30c; 2 lb. 50c; 10 lb. 2.50.

DWARF WAX VARIETIES

Delicious Wax, Landreth's—54 Days. This is a splendid, very productive, round podded Wax Bean, with extremely healthy vines. This Stock was selected very carefully from Stringless Green Pod in our Trial Ground at Filer, Idaho. It is the same in every respect as the Stringless Green Pod except that the Pod is a Wax instead of a Green Pod. This bean should supersede the Improved Golden Wax as it is a much better quality. The pods are round and absolutely stringless. The dry Seed being identical in appearance to the Stringless Green Pod. 1 lb. 50c; 2 lb. 90c.

Sure Crop Stringless Wax. It starts bearing within 60 days after seeds are sown. The pods average 6 to 7 inches long, are very meaty, flat but thick through, and in common with most black-seeded varieties, is very hardy and may therefore be planted several days earlier than the light-seeded sorts. 1 lb. 40c; 2 lb. 75c; 10 lb. \$3.50.

Round Pod Kidney Wax, same as Wardell's, only round pods. 1 lb. 40c; 2 lb. 75c; 10 lb. \$3.50.

Wardell's Kidney Wax, extra early, long flat pods, very productive. 1 lb. 45c; 2 lb. 80c; 10 lb. \$3.50.

Golden Eyed Wax Earliest Variety. 1 lb., 45c; 2 lb., 80c; 10 lb., \$3.50.



BEANS—Dwarf Wax Varieties, Continued

	1 lb.	2 lb.	10 lb.
Curries Rust Proof , very early and prolific. The pods are long, full, stringless; of very fine quality .....	.45	.85	\$4.00
Golden Wax . This valuable variety is about ten days earlier than the black wax pods, large, long semi-round, brittle, stringless .....	.40	.75	\$3.50
Blossoming time sends up a tendril a foot longer than vein which drops off.			
Hodson Wax , very large, tender, pods stringless, very productive .....	.40	.75	\$3.50

BEANS, Pole or Running Varieties

Challenger Lima . Potato variety, five and six in a pod .....	.45	.80	\$3.50
King of Garden Lima . Vigorous in growth and immensely productive, pods large, numerous and well filled and beans of an enormous size. Generally grown for main crop .....	.45	.80	\$3.50
Large White Lima . Greatly esteemed variety .....	.40	.75	\$3.25
Kentucky Wonder, or Homestead Extra Early . Pods long, tender and good flavor, very productive .....	.40	.75	\$3.00
Scarlet Runner . Beautiful scarlet flowers; for ornamental and table use .....	.45	.80	\$3.50
Beans, London Horticultural, Pole . This is a late green shell bean. The leaves are light colored, pods are about 5 inches long and are light green when young but take on a more yellowish appearance spotted with red as they grow older.....	.45	.80	3.50
Early Golden Cluster . Bright yellow pods, stringless, in clusters..	.40	.70	\$3.00
Yard Long, French . Pods sometimes grow from 2 to 3 ft. long, are very slender like a pipe stem; should be grown on pea bush	1.25		

Sow Bush sorts in drills about two feet apart, and drop the beans about three inches apart in the drill, cover two inches or less for a succession, sow at intervals of two weeks. Lima beans should not be planted until settled weather; make rich hills, four feet apart each way set a pole eight or ten feet high in each; press the beans into the soil eye down, six or eight to each pole, and when they are well up, thin out to four.

A quart of Limas is sufficient for 75 to 80 hills, and a quart of Bush Beans will sow a row 100 feet long.

BEETS

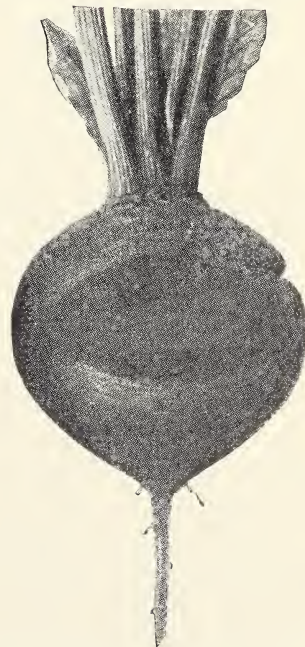
German, Runkelrub; French, Bourrache;
Spanish, Remolacha.

Detroit Dark Red (Special). A splendid beet for market or home use, of a deep color, tender and of delicate flavor.

Oz., 15c; $\frac{1}{4}$ lb., 40c; 1 lb., \$1.25

Dark Red Egyptian Crosby's (Special). The earliest beet in cultivation, color deep crimson; of excellent quality.

Oz., 15c; $\frac{1}{4}$ lb., 40c; 1 lb., \$1.25



DETROIT DARK RED BEET

BEETS—Continued

	Per oz.	$\frac{1}{2}$ lb.	Per lb.
Extra Early Eclipse. Very early, good size.....	.15	.40	\$1.00
Early Blood Turnip. Standard early sort, an excellent variety .....	.15	.40	\$1.00
Dewing's Blood Turnip. Of fine form and flavor .....	.15	.40	\$1.00
Early Wonder. (See Specialties) Globe Shaped .....	.15	.50	\$1.25
Long Smooth Blood Red. An excellent late variety .....	.15	.40	\$1.00
Swiss Chard. Used for its leaves, which are cooked as Spinach	{ See page 28 }	.15	.40 \$1.25
Swiss Chard Lucullus			

MANGEL-WURZEL AND SUGAR

Varieties used for feeding stock. Sow 6 lbs. per acre.

Special Price in Quantities

	1 oz.	$\frac{1}{4}$ lb.	1 lb.
Mammoth Red Mangel-Wurzel. Producing roots of mammoth size, very regular, and with a small top.....	.10	.25	.75
Long Yellow Mangel-Wurzel. Good for general crop .....	.10	.20	.65
Giant White $\frac{1}{2}$ Sugar Beet. Extensively grown for feeding stock and manufacture of sugar .....	.10	.25	.75

A rich, deep open soil is the best suited to the culture of Beets. Fresh manure is undesirable, but land that has been well manured the previous year is highly suitable. For an early supply sow in the spring as soon as the ground becomes fit to work, in drills about one foot apart and two inches deep. For main crop sow the first week in May, and for winter use sow in June. When the plants have obtained three or four leaves, thin out, so that they may stand eight or nine inches apart. Keep free from weeds by hand weeding and hoeing. Those intended for winter use may be taken up in October, and stored in dry sand in the cellar or outhouse. Before storing, leaves and fibers must be cut off, but care must be taken not to bruise the main root.

BORAGE

10 cents Pkt.

German, Borritch; French, Bourrache; Spanish, Berraja.

	Per oz.	$\frac{1}{4}$ lb.	lb.
Borage, used as a pot herb; also as a salad, or can be boiled, and also for garnishing, but chiefly required for claret cups and other cooling drinks. Bees are very partial to the flower .....	.30	.80	\$3.00

BROCCOLI

10 cents. Pkt.

German, Spragel Kohl; French, Chou Brocoli; Spanish, Broculi.

	Per oz.	$\frac{1}{4}$ lb.
Calabrese (Imported Italia)	\$2.00	\$7.00
Purple Cape, differing from the preceding color, greenish purple	\$0.50	\$1.50

A favorite European vegetable, nearly allied to the Cauliflower, but more hardy and surer to head; the seeds should be sown in this district in the early part of May and transplanted in June; farther south the sowing should be delayed until June or July; and the transplanting accordingly from August to October. In parts of the country where the thermometer does not fall below 20 or 30 degrees, Broccoli may be had in perfection from November until March. It succeeds best in a moist and rather cool atmosphere.

BRUSSELS SPROUTS

10 cents Pkt.



German, Sprossen-Kohl; French, Chou de Bruxelles; Spanish, Breza de Brussels.

Dalkeith Dwarf Improved, a variety producing compact sprouts of excellent quality. Pkt. 10c; Oz., 50c; $\frac{1}{4}$ lb., 1.50.

A tender, delicious vegetable. The plant grows two or three feet high, and produces from the sides of the stalks numerous little sprouts, one or two inches in diameter, resembling cabbage. The leaves which look like a Savoy should be broken down in the fall, to give the little cabbages room to grow. They are very tender and sweet after early frosts. Sow early in hot-beds, or in seed-beds in May transplant and cultivate the cabbage.

CABBAGE

10 cents Package, except quoted otherwise.

German, Kopfkohl; French, Chou; Spanish, Berza de Pepollo.

1 oz. $\frac{1}{4}$ lb. 1 lb.**Copenhagen Market.**

The finest, large, round-headed, early Cabbage; very solid and of fine quality; short-stemmed.

.50 1.40 4.75

Enkhuizen Glory.

Large, early, white, solid, ball shaped heads

.40 1.10 3.75

All Seasons, fine variety, for second early or late growing, good size

.25 .85 3.00

Early Jersey Wakefield.

The leading variety for market, very early, of medium size, good quality, sure to head

.40 1.00 3.50

Charleston Wakefield.

Large strain of the above

.30 1.00 3.50

**COPENHAGEN MARKET**

Early Flat Dutch. This is one of the best early cabbages in cultivation

.25 .75 2.50

Henderson's Succession. A second early or late variety, a sure header; seeds

.40 1.10 3.50

Danish Round Head Short Stem. Large, round, solid, sweet and crisp, sure header

.40 1.25 4.00

Large Late Flat Dutch. The most popular variety for late cultivation

.35 1.00 3.25

Mammoth Red Rock. Used almost exclusively for pickling

.35 1.00 3.50

Drumhead Savoy (American). The largest heading sort, of excellent flavor

.40 1.35 3.50

Golden Acre. An early variety which closely resembles Copenhagen Market in type. As its name implies, it is a money-maker. It is 8 to 10 days earlier than Copenhagen Market but is smaller and can be planted closer. Because of its earliness and fine quality it commands a higher price than any round-headed Cabbage

.75 2.25 8.00

Chinese (Pe Tsai)

.25 .85 3.00

L. I. or Hudson Red

.50 1.50 5.00

Earliest R. I. Red

.45 1.50 4.75

For very early use plant in the autumn from 10th to 25th September, in a seed bed, and protect in cold frames during the winter, being careful to set them down to the first leaf. Transplant in the following spring, as the soil will admit. For autumn and winter use, plant in seed-bed in May and early part of June, and when six inches high transplant into rich soil, two feet apart each way for the early varieties, and three by two and a half feet for the large winter varieties. To secure the best results, the soil should not be too dry, but should be thoroughly enriched, and the crop should be hoed at least once in ten days. Sow in hot bed early in spring, seed of the early kind for a second crop; also the late varieties for winter use.

CARROT

5 cents Package

Except Quoted Otherwise.

German, Mochern; French, Carotte.

The Carrot, like other root crops, delights in a sandy loam, deeply tilled. It should never be sown on newly manured ground as forked roots are sure to be the result. It is best to sow on ground that has been well manured the previous year for some other crop such as Celery, Potatoes, Onions or Peas, but avoid such crop as Cabbage and Turnips, or any of the tap rooted sections. For early or main crops sow the latter part of April; for later crops, they may be sown any time until the beginning of June. Sow in rows about 15 inches apart and half an inch deep, thinning out to three or four inches between the plants.

Morse's Red-Cored Chantenay. A carrot with the shape and size and general characteristics of Chantenay. The core being the same color as the flesh, is inconspicuous, is tender and sweet and does not look yellow in cooking. 1 oz., 25c; $\frac{1}{4}$ lb., 70c; 1 lb., \$2.50.

Early Scarlet Horn. Old and favorite sort, much esteemed for early summer. 1 oz., 15c; $\frac{1}{4}$ lb., 40c; 1 lb., \$1.00.

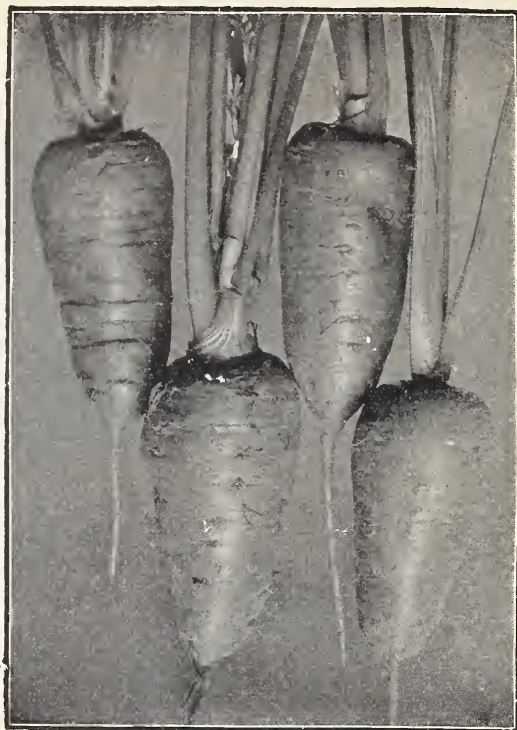
Half Long Danvers (Special). A variety intermediate in size and period of maturity between the preceding and the Long Orange, oz., 15c; $\frac{1}{4}$ lb., 35c; 1 lb., \$1.00.

Half Long Chantenay (Special). Like Nantes, broader shoulder, oz., 15c; $\frac{1}{4}$ lb., 35c; 1 lb., \$1.00.

Half Long Stump Guarande or Oxheart.....

Half Long Stump Nantes

Long Orange Improved. Roots of large size, equally adapted for garden or farm culture



DANVERS CARROT

Per oz. $\frac{1}{4}$ lb. lb.

.15 .35 1.00

.15 .35 1.25

.15 .30 1.00

CAULIFLOWER

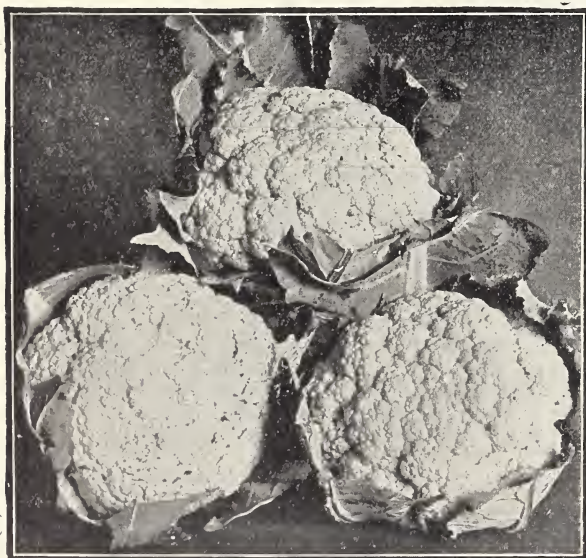
German, Blumen-Kohl; French, Chou-fleur; Spanish, Coliflor.

Large Early Snowball. Best for forcing under glass or open ground. Pkg. 25c; $\frac{1}{4}$ -oz., \$1.00; $\frac{1}{2}$ -oz., \$1.75; 1-oz., \$3.00; $\frac{1}{4}$ lb., \$8.50.

Early London. Pkt., 15c; 1-oz., \$1.00; $\frac{1}{4}$ lb., \$3.00.

Denmark, Special Large Late. Very fine variety, large white, compact heads, the space necessary between plants is greater than other varieties. Pkt., 25c; $\frac{1}{4}$ oz., \$1.00; $\frac{1}{2}$ oz., \$1.75; 1 oz., \$3.00; $\frac{1}{4}$ lb., \$8.50.

Danish Giant or Dry Weather. $\frac{1}{4}$ oz., \$1.00; $\frac{1}{2}$ oz., \$1.75; 1 oz., \$3.00; $\frac{1}{4}$ lb., \$8.50.



EARLY SNOW BALL CAULIFLOWER

Early Snow Ball (Catskill). The finest strain of Snow Ball Cauliflower. Very early. 1 oz. \$2.50; $\frac{1}{4}$ lb. \$8.00.

CAULIFLOWER—Continued

Cauliflower delights in rich, moist soil and in dry seasons should be abundantly watered. The seeds may be sown in September and wintered over in the same manner as described for early cabbage. Where this is not practicable, it may be had nearly as well by sowing the seed in the hot-bed in January or February and transplanting the plants at two or three inches apart in boxes, or in the soil of another hot-bed, until such time as they are safe to be planted in the open ground, which in this latitude, is usually from the 15th of March to the 10th of April. If properly hardened off, they are seldom injured by being planted out too early.

CELERY

10 cents Package, except quoted otherwise.

German, Celeri; French, Celeri; Spanish, Apih.

	Oz.	¼ lb.	lb.
Golden Phenomenal. The plants are heavy, compact and full hearted. The stems are broad and thick, brittle and free from strings, of fine flavor and of excellent quality all through. In other words this is Golden Plume with all the good qualities of Golden Plume but in addition is taller with longer edible stems.	3.00	8.00	30.00
Golden Self-Blanching. American Strain. Very choice. Standard early variety Pkt. 10 cents	.65	2.25	6.00
Giant Pascal. Stalks very large, thick and crisp. . . . .	.40	1.10	3.50
Golden Self-Blanching. French Strain. Similar to White Plume; much larger in growth. Solid, best variety in market. Pkt. 15 cents . . .	.90	3.50	8.00
White Plume. Requires very little banking. . . . .	.35	1.00	3.50
Dwarf White, Soup Celery. An imported variety of fine flavor; soup greens . . . . .	.20	.50	1.50
Celery Seed for Flavoring . . . . .	.10	.20	.65

CELERIAC
KNOB-CELERY

10 cents Pkt.

German, Knob-Celeri;
French, Celeri Rave.

Giant Prague. For soups, etc. When sliced and cooked makes good winter salad. 1 oz., 35c; ¼ lb., 90c; 1 lb., \$3.00.

The seeds may be sown in the open ground in April, as soon as the ground can be nicely worked. Sow about half an inch deep, and be careful to firmly press the soil over the seed; this should be done by treading over the rows with the feet after sowing; this prevents the air drying up the seed, which thereby loses its vitality and fails to germinate. Many valuable crops are annually lost by inattention to this important particular. After the seed is up, keep carefully clear of weeds until the time of planting June and July; the crops may be shorn off once or twice before planting; this makes them "stocky" and they suffer less in being transplanted. After the ground has been well prepared, plant in rows from three to four feet apart, according to the variety, setting the plants about six inches apart and pressing the soil firmly about the roots.

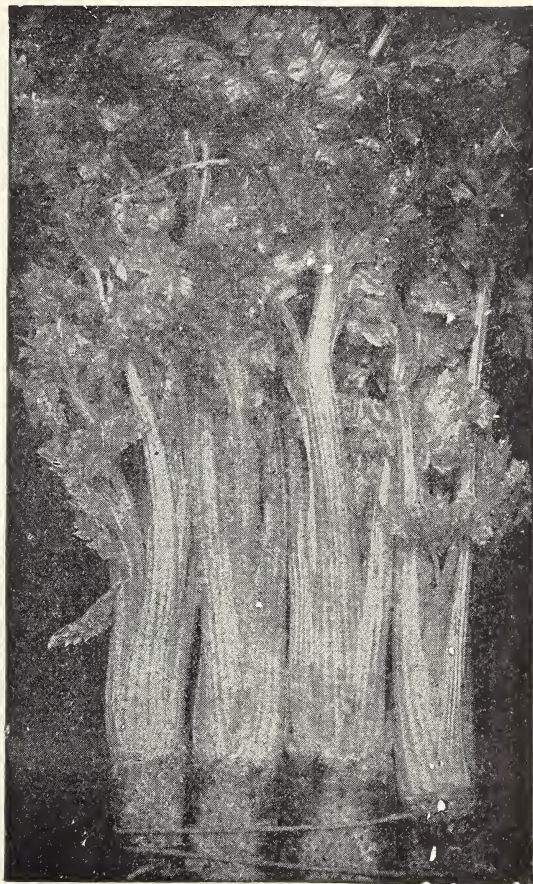
CHERVIL

Package 10 Cents

German, Bisenlauch; French, Cerfeuil;
Spanish, Cerafolio.

Curled . . . 1 oz., 20c; ¼ lb., 75c; 1 lb., \$2.50

The young leaves are used in soups and salads. Sow thinly in May, in drills of an inch deep, one foot apart.



CELERY

CORN—Continued

EXTRA EARLY VARIETIES

We Have a Choice Collection of Ears in Stock, Each Ear Wrapped,
Special Price in Quantity Lots

	Ear	1-lb.	5-lb.	10-lb.
Golden Rod Early Yellow. Very sweet .....		.40	1.50	2.75
Golden Bantam Extra Early. Yellow, very sweet and tender		.40	1.40	2.60
Early White Cory. Earliest grown, fit for use 60 days after planting. Very sweet, good size, white cobs. ....		.35	1.25	2.25
Surprise Early. White .....		.40	1.40	2.60
Whipple's Early Yellow—70 Days. A meritorious new yellow sweet Corn. Stalks 6 feet or more in height. Ears 12 to 16 rowed, 7 to 8 inches in length. Matures a few days before Golden Bantam .....		.40	1.50	2.90

SECOND EARLY OR INTERMEDIATE

Golden Evergreen. Yellow .....	.40	1.40	2.75
Early Champion. Large ears, very sweet and productive. The earliest large sort grown and fine for either home or market use .....	.35	1.40	2.50
Long Island Beauty Early. Excellent, medium early. Large size, sweet .....	.35	1.50	2.75
Early Mammoth. Large second early .....	.35	1.50	2.75

GENERAL CROP AND LATE

Stowell's Evergreen. A late variety, of excellent quality, re- maining longer in the green state than any other; general crop .....	.35	1.50	2.75
Evergreen, Bantam—80 Days. A second early, one of the lat- est introductions to the Sugar Corn family. Some think it will take the place of the famous Stowell's Evergreen. Height of stalk 7½ to 8 feet, ears thick, 7 to 8 inches long .....	.40	1.50	2.75
Mammoth Sugar. A late variety of large size, very sweet and immensely productive. A leading variety. ....	.35	1.40	2.50
Country Gentleman. The sweetest and most tender of all sweet corn, late crop .....	.35	1.50	2.75
Sweet Fodder. For ensilage	Price on Application		

FIELD CORN

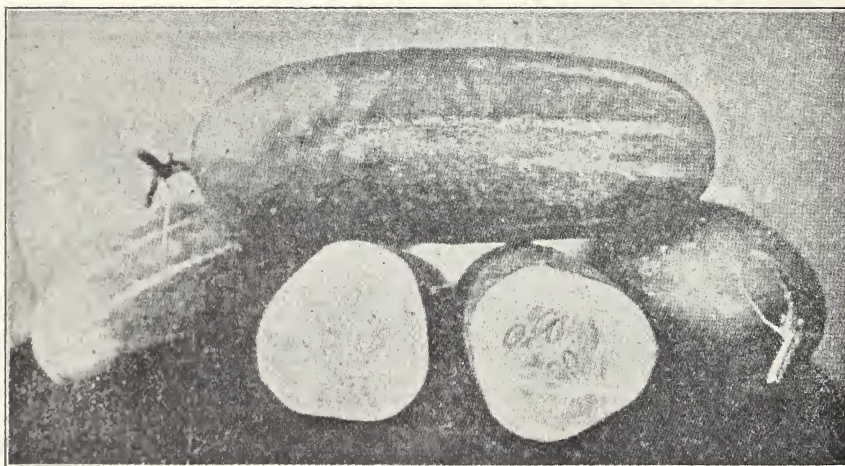
8 Cents Ear, 48 Pounds Bushel Ears

Mastodon Dent. Very early, strong growing...	}	Dent Varieties	}	Price on Application
Leamings Yellow. (Dent) early				
Early Canada. Yellow kernels	}	Flint Varieties		
Large Yellow Flint				
Large White Flint				
Southern Horse Tooth. For fodder.....	}				Price on Application
Eureka White Dent, for ensilage, 12 to 14 rows, one of the best ensilage varieties, the fodder growing up to 17 feet, in some places matures in 120 to 130 days				

CUCUMBERS

5 Cents Pkt.

	Oz.	¼-lb.	1-lb.
Early Fortune. Very early and productive. Uniform size. Good shipper	.15	.40	1.25
Forhook Pickling. Prolific, medium size, skin thick .....	.15	.40	1.25
Davis Perfect. For forcing or outdoors, long and straight, valuable for slicing .....	.15	.40	1.25
Cool and Crisp. Very prolific; good for pickling and productive.....	.15	.40	1.25
Japanese Climbing. Can be trained on trellis, or grown on the ground. Skin smooth, dark green; flesh pure white, crisp and mild flavor .....	.15	.40	1.25
Nichols Medium Green. A valuable and handsome variety, in shape between White Spine and Long Green, an excellent sort for pickles and useful for forcing. Very prolific, fruit straight and smooth, color dark green; fresh, tender and crisp .....	.15	.40	1.25
Arlington White Spine. Fine either for forcing or for outdoors .....	.15	.40	1.25
Early Green Cluster. A short, prickly, slender variety, bearing in clusters near the root. It is a great bearer.....	.15	.40	1.25
Long Green. A very excellent variety; a good bearer; about a foot in length, rather pointed at both ends; dark green, firm and crisp .....	.15	.40	1.25
Green Prolific Pickling. Very prolific; and said by those who have tested it equally desirable as a market Cucumber.. .	.15	.40	1.25
West Indian Gherkin or Burr. A very small oval shaped prickly variety It is grown exclusively for pickling, and should always be picked when young and tender .....	.15	.40	1.25
Clark's Special (Long Green). Very productive,disease resistant .....	.15	.40	1.25



Cucumbers succeed best in warm, moist, rich loamy ground. They should not be planted in the open air until there is a prospect of settled warm weather. Plant in hills about four feet apart each way. The hills should be previously prepared by mixing thoroughly with the soil in each a shovelful of well rotted manure. When all danger from insects is past, thin out the plants, leaving three or four of the strongest to each hill.

DANDELION

15 Cents Pkt.

German, Pardelblume; French, Pissenlit; Spanish Armagon.

Cultivated or French Common. A decided improvement on the wild dandelion. It is very early and vigorous. Oz., 35c; 2 oz., 60c; ¼ lb., \$1.00; 1 lb., \$3.50.

Improved Thick Leaved. Unsurpassed in thickness of leaf and deep green color. It is compact and forms an upright regular tuft at the center. This cabbaging sort is much superior to the common or uncultivated dandelion. Oz., \$1.00; 2 oz., \$1.60; ¼ lb., \$2.75; 1 lb., \$10.00.

The Dandelion is much used for spring salads and resembles Endive. Sow the seed in May or June in drills half an inch deep and 12 inches apart. The plants will be ready for use the following spring.



DANDELION.

ENDIVE



ENDIVE.

All 5 Cents Pkt.

German, Endevien; French, Chicoree; Spanish, Endivia

Green Curled Winter. German, Endevien; French, Chicoree; Spanish, Endivia. Very hardy; leaves dark green, tender and crisp. 1 oz., 20c; ¼ lb., 50c; 1 lb., \$1.75.

Broad Leaved Batavia. (Escarolle), chiefly used in soups and stews; requires to be tied up for blanching. 1 oz., 20c; ¼ lb., 50c; 1 lb., \$1.75.

Early White Curled. (Self-blanching), the best variety; grows to large size; very large and tender. 1 oz., 20c; ¼ lb., 50c; 1 lb., \$1.75.

Full Golden Heart. (Escarolle) for Fall Planting. 1 oz., 25c; ¼ lb., 75c; 1 lb., \$2.50.

EGG PLANT

All 10 Cents Pkt.

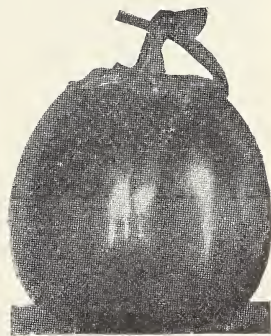
German, Eier Pflanz; French, Aubergine; Spanish, Bereinfiena.

1 oz. ¼ lb. 1 lb.

New York Improved. Superior market variety of large size and fine variety..... .65 1.75 6.00

Black Beauty Tendage. Earlier than New York. Improved and as large; purplish black..... .65 1.75 6.00

The Egg Plant is a tender vegetable, and must not be planted out until the weather is warm and settled. Sow early in spring in hot-beds, or if they are not convenient, sufficient plants may be raised for a small garden by sowing a few seeds in common flower pots or in boxes in the house. Plant out early in June from two to three feet apart.



NEW YORK EGG PLANT.

KALE

Pkt. 5 Cents, except where noted.

German, Blatter-Kohl; French, Chou Vert; Spanish, Breton.

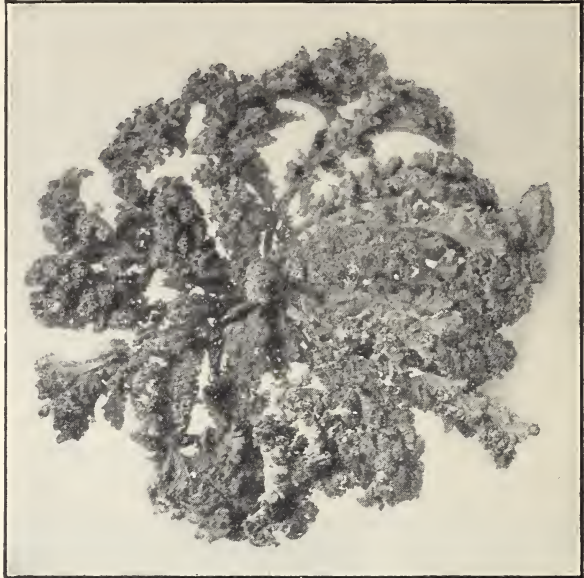
Oz. ¼ lb. lb.

Siberian German Green or "Sproute." This variety is extensively used for early greens for which it is sown in the fall in rows one foot apart and treated in the same manner as Spinach; it is ready for use in early spring. Sowing can also be made in spring15 .35 1.00

Dwarf Green Curled Scotch. Beautifully fringed dwarf growing kind, with bright green leaves, 10c pkt... .20 .50 1.50

Tall Green Curled Scotch. Tall growing, very hardy variety, leaves a bright green, beautiful curled. 10c pkt.20 .50 1.50

Kale may be grown in almost any soil but the richer it is the more abundant the product. Sow early in the spring, in prepared beds, covering the seeds thinly and evenly; transplant in June and treat in the same manner as for cabbage. Of all the cabbage tribe this is the most tender and delicate and would be much more extensively grown than it is, if its excellent qualities were generally known. The varieties are all extremely hardy, and are best when touched by frost.



KALE

KOHL-RABI

Pkt. 10 Cents.

German, Kohl-Rabi; French, Chou Rave; Spanish, Colinabo.

Per oz. ¼ lb. lb

Early White Vienna. Flesh white and tender; best market sort; good for table use25 .75 2.25

Early Purple Vienna. Differing from the above in color, which is of a bluish purple25 .75 2.25



KOHL-RABI

Kohl-Rabi or Turnip stemmed cabbage, is a vegetable that is not so much cultivated as it deserves to be. The stem above the ground swells into a bulb, somewhat resembling a turnip: this again is covered with leaves. The edible part is the bulb, which is dressed and served like turnip, is very delicate and tender when young. It is very hardy, withstands severe drought, and is a good keeper. Cultivate the same as cabbage, but in hoeing be careful not to throw dirt into the heart of the plant, or the bulb cannot form.

LEEK

Pkt. 5 Cents.

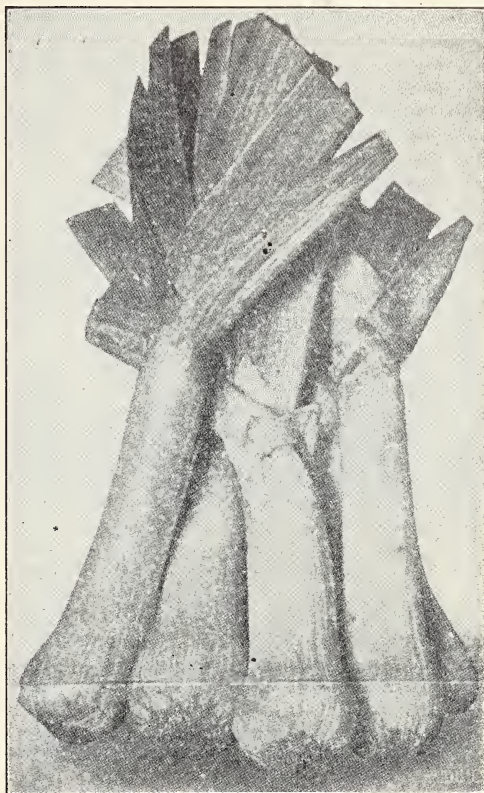
German, Lauch; French, Poireau;
Spanish, Puerro.

Large American Flag.	oz.	¼ lb.	lb.
The kind mostly grown for market .....	.25	.75	2.50

Giant Musselburg, producing fan-shaped foliage; quite a strong grower, and a desirable market variety.	.25	.75	2.50
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Large Rouen. Very large and fine25	.75	2.50
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The Leek is very hardy and easily cultivated; it succeeds best in a light, but well enriched soil. Sow as early in the spring as practical, in drills one inch deep and one foot apart. When six or eight inches high they may be transplanted in rows ten inches apart each way, as deep as possible; that the neck, being covered, may be blanched. If fine leeks are desired, the ground can hardly be made too rich.



LEEK.

LETTUCE

Pkt. 5 Cents.

German, Laitick; French, Laitue; Spanish, Lechuga.

Paris White Cos, Trianon or Romaine—55 Days. White Seed. This variety, maturing for table in eight weeks from germination, should be found in every vegetable garden as it is a thoroughly reliable Lettuce. A strong grower and very productive with long, shell-shaped leaves of most excellent quality. It is a self-folder, but when the plant is over half grown, it is best tied up with a soft string or a wisp of grass that the inner leaves may be blanched perfectly white, in which condition they are more crisp and decidedly more palatable than varieties of a Cabbage-heading habit. It is a mystery why it does not displace them, especially as a given amount of ground will produce more than twice the amount of edible leaves than can possibly be obtained from any round-head. 1 oz., 25c; ¼ lb., 75c; 1 lb., \$2.00.

There are a number of Cos Lettuces; none superior to the white and green—very quick and hardy.

In Europe the entire leaves, the shape of a rabbit's ear, are eaten "out of hand" as they call it.



MAY KING LETTUCE

German, Laitick; French, Laitue; Spanish, Lechuga.

Per oz. ¼-lb. lb.

Special Big Boston W. S. Extra Select. Heads creamy white whether grown in open garden or under glass. Very large, slightly tinged with reddish brown, solid and uniform. White Seed. Seed saved from a selection better than that producing the ordinary stock of Seed. It has a high reputation in the marketgardening sections. The most generally used variety. We advise all to plant this excellent strain of Big Boston .....	.50	\$1.75	\$6.00
New York or Wonderful—Round Solid Head. Heat resisting. Grows larger than Iceberg and matures 10 days earlier .....	.25	75	\$2.00
May King Lettuce. Very early, sure header, solid, good flavor .....	.20	.60	2.00
Big Boston. Similar to Boston Market, double this size. Selected .....	.20	.60	\$1.50
Early Curled Simpson. Very early and an excellent sort for forcing; is largely grown by the market gardeners.....	.20	.50	1.75
Salamander Head. Fine compact head, resists heat .....	.20	.60	2.00
Black-Seeded Butter. Fine market strain .....	.20	.60	2.00
Large White Cabbage. Excellent for summer; heads of good size .....	.20	.60	2.00
Black Seeded Simpson. Stands the summer well .....	.20	.60	2.00
Shotwell's Brown Head. Large and handsome; heads hardy; standing summer heat without injury .....	.20	.60	2.00
Boston Market. Large solid heads, very fine for forcing, and of fine flavor. ....	.20	.60	2.00
Iceberg Favorite Summer Lettuce. Heat resisting. Very crisp, strong center ribs which bend toward center of plant, keeping it thoroughly blanched .....	.25	75	\$2.00
Unrivalled. An improvement on the White-seeded Big Boston, forming very solid, large, pale green heads without the reddish brown tinge, and of excellent quality. Forms a head in six weeks; at least ten days earlier than the regular Big Boston. May be sown all through the year and stands heat remarkably well. Is crisp, tender, and solid .....	.25	75	\$2.00

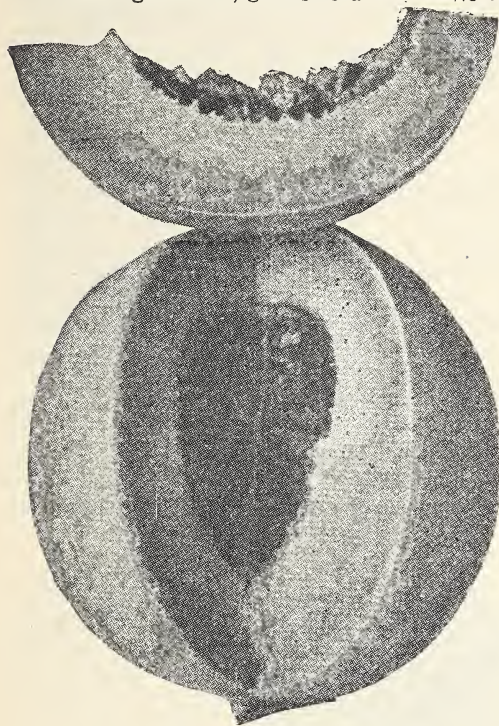
Lettuce is the most popular of all salads. It is easy of cultivation, but likes a good rich soil. For early use, sow Simpson and May King under glass in February and March and transplant as soon as the ground can be worked. Later sowings may be made in the open ground for successions as long as the weather permits; thin out well or the plants will be weak, and set in rows two feet apart and eight inches between the plants. The best early plants are obtained by sowing in the open ground in September, and transplanting to cold frames the latter part of October, being wintered over in the same manner as early Cabbage. Lettuce requires good ground and abundant moisture.

MELON, MUSK

Package 5 Cents

German, Melone; French, Melon; Spanish, Melon Muscatel.

	Per oz.	¼-lb.	lb.
Hearts of Gold. A selection from Hoo Doo, this melon runs very uniform in size. It is a splendid shipping variety and is increasing in use.	.20	.60	1.75
Tip Top. This kind cannot be excelled for its eating qualities. The flesh is a bright salmon color, remarkably thick, sweet and spicy. It varies from round to slightly oblong and with a green skin turning to a lemon color as it approaches maturity	.20	.60	1.75
Honey Dew. Large, round, delicious, rich green flesh	.20	.60	1.75
Paul Rose. Handsome, oval, orange flesh, sweet	.15	.40	1.25
Long Island Beauty. Similar to Hackensack; very early	.15	.40	1.25
Miller's Cream or Osage. Flesh and salmon color and very thick	.15	.45	1.50
Hackensack. Variety of Green Citron, well known among the New York market gardeners, grows to a very large size, productive, exquisite flavor	.15	.40	1.25
Long Yellow Cantaloupe. Yellow flesh, suitable for the market	.15	.40	1.25
Rocky Ford. Very sweet; spicy flavored, small and oblong, most popular sort	.15	.40	1.25
Montreal Market. A very large green "Nutmeg" type, almost round, heavily netted; thick, luscious flesh; late and especially adapted to cooler climates	.15	.45	1.50



Melons thrive best in a moderately enriched live soil; the hills should be six feet apart each way. Previous to planting incorporate well with the soil in each hill a couple of shovelfuls of thoroughly rotted manure; plant twelve or fifteen seeds in each hill in May, and when well up, thin out three or four of the most promising. Pinch off the leading shoots as the growth becomes too luxuriant, and if the fruit sets too numerous thin out when young, which will increase the size of those remaining, and cause them to ripen quicker.

MELON, WATER

Package 5 Cents

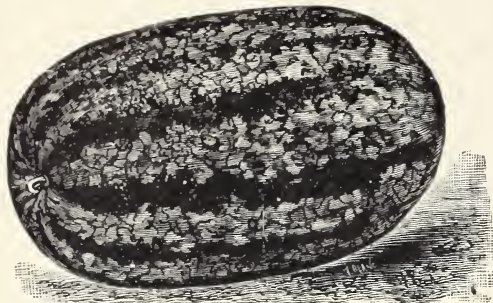
German, Wassermelone; French, Melon d'Eau; Spanish, Zaudia.

HONEY DEW MELON.

	Per oz.	¼ lb.	lb.
Tom Watson. Long and 8 to 10-in. diameter. Thin rind, crisp flesh, fine flavor	.15	.40	1.25
Pride of Georgia. Dark green, oval in shape; crisp and sweet; very large.			
Mountain Sweet. One of the very best for culture; color dark green; and rind thin; flesh scarlet; solid, very sweet and delicious.			
Phinney's Early. Flesh deep red, of a very superior quality; a valuable early market variety			
Ice Cream. (White seeded), fruit of medium size, nearly round; skin pale green; rind thin; flesh scarlet, solid crisp, excellent.			
Kleckley's Sweets. Vines vigorous and productive; fruits are medium to large, oblong, tapering slightly toward the stem end; dark green. The flesh is very bright, rich red and exceedingly sweet, crisp, and tender. Combines earliness, size and quality			
Cole's Early. Early variety suitable for home market, but on account of its thin rind is not a good shipping melon. Medium size, skin dark green with light stripes; flesh, rich, dark red; luscious and sweet.			

MELON, WATER—Continued.

	Per oz.	¼-lb.	1lb.
Mammoth Iron Clad. Long and large; thin skin, deep red flesh.....			
Citron. (Red seeded), round handsome fruit of small size and used in the making of sweetmeats and preserves .....	.15	.40	1.25



IRON CLAD

Plant in hills directed for Muskmelons, giving them more room, as their vines extend much farther. If they are wanted of a large size, three or four melons to each plant will be sufficient, and when only one is allowed to grow from each plant they will grow to an immense size.

MUSHROOMS

German, Chimpignoubrut; French, Champignon; Spanish, Hongo

American Spawn Bricks Per brick, 35c; 10 bricks, \$2.50; 25 bricks, \$5.50

Mushrooms should be grown either in a building especially erected for the purpose or some shed, stable or cellar, where the temperature of from 40 to 60 degrees can be kept up in winter. To every barrow load of fresh horse droppings add about the same weight of loam or soil of any kind that has not been manured. Turn the heap every day, so that it is not allowed to heat violently, until you have quantity enough to form a bed of dimensions required. Be careful that your heap is under cover, so that it cannot possibly get wet. The most convenient size is from three to four feet long and eight inches deep.



MUSHROOMS.

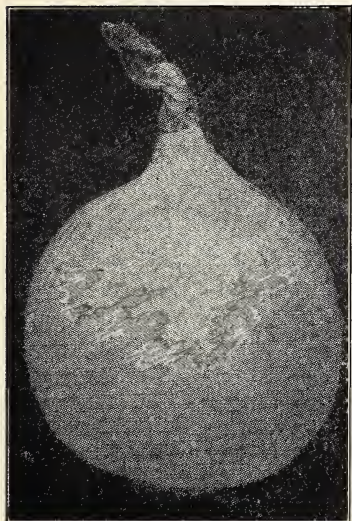
Prepare the mixture of loam and manure, making the bed in layers and pounding down each with the back of a spade. Leave this to heat through for a few days, and as soon as the heat subsides to 90 degrees, make holes in the bed about a foot apart each way into which put pieces of spawn two or three inches in diameter; fill up the holes with the compact and at the expiration of a week or ten days the spawn will have thoroughly diffused itself through the bed. Now spread a layer of fresh soil

over the heap to the depth of two inches, firm it down moderately and cover with three or four inches of hay or straw. Examine the bed often to see that it does not get dry. When water is given it should be at a temperature of about 100 degrees. One brick to each 10 square feet.

ONION

Package 10 Cents

German, Zweibel; French, Oignon; Spanish, Cebolia.



Yellow Globe Prize Taker, 90 days.

	Per oz.	¼ lb.	1 lb.
Early Red Flat. About ten days earlier than the Large Red, and not quite so large.....	.35	1.00	3.00
Large Red Wethersfield. The staple variety of the Eastern onion growers; of large size, deep in color, a good keeper.....	.30	.85	2.50
Southport Red Globe. Similar to the large Red in flavor and color, but quite distinct in form, being nearly globular .....	.30	.85	2.50
Yellow Globe Danvers. An excellent variety, mild and very productive; ripens early and a good keeper .....	.30	.85	2.50
White Portugal or Silver Skin. A handsome onion of mild flavor; extensively grown for pickling..	.35	1.00	3.00
Southport White Globe. Form nearly ovoid symmetrical, keeps well, is an excellent variety.....	.35	1.00	3.25
Southport Yellow Globe. As above except color .....	.25	.75	2.50

White Welsh (Hardy). A very hardy sort which is used as a bunch onion. Seed should be sown in spring or early summer. They will then make fine thick stalks for the following spring. Seed can be sown in August, but it is not as satisfactory. It produces a large white stalk, but does not make a bulb

.40 1.15 3.25

Prizetaker. Grows uniform in shape; is of immense size, measuring from 12 to 16 inches in circumference, while under special cultivation specimen bulbs have been raised to weigh from 2 to 3 pounds each; its pure white flesh is fine-grained, mild and delicate in flavor

.30 .85 2.50

The onion thrives best in a rather strong, deep, rich loamy soil, and unlike most vegetables succeeds well when cultivated on the same ground for successive years. The ground should be deeply trenched and manured the previous autumn, and laid up in ridges during the winter to soften. As early in the spring as the ground is in working order, commence operations by leveling the ground with a rake, and tread firmly; sow thinly in drills about a quarter of an inch deep and one foot apart; cover with fine soil and press down with the back of a spade or a light roller. When the young plants are strong enough, thin gradually so that they stand three or four inches apart.

ONION SETS

White Onion Sets	} Price on Application	Potato Onions	} Price on Application
Yellow Onion Sets		Shallots	
Red Onion Sets		Red Top Onions	

OKRA OR GUMBO

Package 5 Cents

German, Essbarer Safran; French, Gomo; Spanish, Quibombo.

Per oz. ¼ lb. lb.

Long Green. Fine long pods,
very good15 .35 1.00

The pods in a young state are used in soups, sauces and stews, and are very wholesome and nutritious. It is the easiest culture and grows freely, bearing abundantly when grown in ordinary garden soil. It is sown at the usual time of all tender vegetables in drills two inches deep, setting the plants from two to three feet apart.

PARSNIPS

Package 5 Cents

German, Pastinake; French, Panais; Spanish, Chirivia

Per oz. ¼ lb. lb.

Long Smooth or Hollow Crown.
Long roots15 .40 1.10

They succeed best in a deep rich soil that has been well manured the previous season, as manure freshly applied tends to the production of forked and ill-shaped roots. Sow the seed early in spring in drills eighteen inches apart in the garden, and three feet apart in the field, thin the plants to six inches in the drill.

PARSLEY

Package 5 Cents

LONG GREEN OKRA

German, Petersilie; French, Persil; Spanish, Perjil.

	Per oz.	¼ lb.	lb.
Extra Double Curled. A fine dwarf variety excellent for garnishing	\$0.15	\$0.40	\$1.25
Plain Leaves. Hardier than the curled variety.....	.15	.40	1.25
Hamburg, or Rooted. Edible roots.....	.15	.40	1.25

Should be sown very early in the spring in beds or in lines, and the seeds which are somewhat slow to vegetate should be previously soaked 24 hours in warm water. The soil should be kept free from weeds, which should be extracted by the hand, so as to avoid disturbance of the seed when about to germinate. As soon as the plants are large enough they should be thinned out so as to stand five or six inches apart.

PEAS

Package 10 Cents

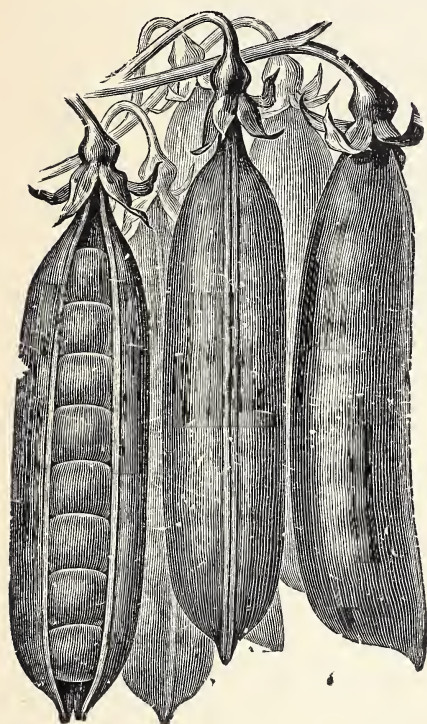
German, Erbsen; French, Pois; Spanish Guisantes.

Extra Early Varieties

1 lb. 2 lb. 10 lb.

*World's Record. Among early main-crop Peas of medium height, Gradus, or Prosperity, takes first place; happily named, indeed, on account of its high yield and superb flavor. In World's Record these points are more than maintained; the yield is as high and the quality, if anything, is enhanced. The great point in favor of the new sort is its earliness, the period from seed to maturity being less by a week than the standard Gradus .....	.40	.75	3.00
Laxtonian. Dwarf early wrinkled. Very prolific, large pods, height 1½ ft .....	.40	.75	3.00
Gradus or Prosperity. Earliest wrinkled Pea grown. Can be sown early as the round sorts. Large peas and pods, splendid flavor. Requires no sticks, reaching only 36 inches in ordinary good soil. Height, 3 feet...	.40	.75	3.00
Thomas Laxton. A cross between Gradus and one of the extra early sorts. Ripens within a day or two of the earliest round varieties; very productive. The pods are large and contain 7 or 8 large, wrinkled Peas of the finest flavor .....	.40	.75	3.00

PEAS—Continued.



	1 lb.	2 lb.	10 lb
Nott's Excelsior. Extra dwarf wrinkled, pods larger than American Wonder, 1 foot....	\$0.30	\$0.55	\$2.50
Alaska. Earliest of all .....	.35	.65	2.50
First and Best. One of the best extra early Peas. An improved strain of the Extra Early Market, height 2½ feet.....	.35	.65	2.50
Little Gem. A dwarf green wrinkled Market, very prolific, of superior flavor, and a first early, 1½ feet .....	.35	.65	2.50

SECOND EARLY VARIETIES.

Everbearing. Good size pea, long pods, height 2½ feet....	.35	.65	2.50
Pride of the Market. Very large pods, green peas, sow thin, height 2 feet .....	.30	.50	2.00
Dwarf Telephone. Same quality and productiveness as Telephone excepting the vines grow 2 feet high, pods are large and filled with immense peas of excellent flavor and sweet .....	.40	.75	3.00

GENERAL CROP.

Champion of England. A popular wrinkled variety of delicious flavor, profuse bearer. Peas are very large, tender, height 5 feet .....	.35	.65	2.50
Telephone. This is the best pea for general crop, both for home and market use. Immediately productive and of finest quality. Vines very strong, averaging 18 to 20 large pods per stalk, 4 feet. ....	.35	.65	2.50
Dwarf, Sugar. Edible pods.....	.35	.65	2.50

When grown as a market crop, peas are not staked, but sown in single rows, two or three inches deep, two or three feet apart according to the variety. When grown in small quantities for private use they are sown in double rows 6 or 8 inches apart, and the rows 3 feet apart, the tall varieties staked up by brush. For an early crop, sow as soon as the ground can be worked, and make repeated sowings every two weeks for succession. A quart is sufficient for a row of about eighty feet

PEPPER

Package 10 Cents

German, Pfeffer; French. Piment; Spanish. Pimento.



PEPPERS.

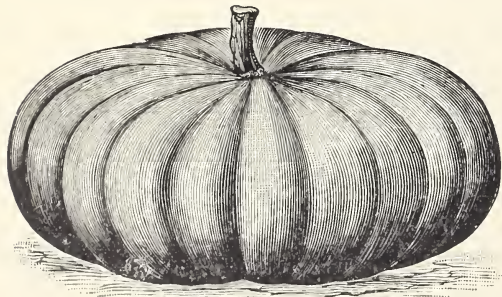
H-Hot—S-Sweet

	Per oz	¼ lb.
Crimson Giant or Ohio Crimson—130 Days. Similar to the Ruby King, but broader, longer and deeper fruited like Chinese Giant, a monster about 4½ inches long by 4 inches wide, but not so large as Chinese Giant. Vines strong, dark, large leaved, very productive in fruit, frequently bear 7 to 8 fruit at once and covered by a succession of smaller fruit. Sold by many as Chinese Giant	.60	1.75
Ruby King. S. Very large; bright red	\$0.60	\$1.75
Large Bell or Bull Nose. S. An early variety of mild flavor	.60	1.75
Sweet Mountain or Mammoth. S. Of large size, best for mangoes	.60	1.75
Chinese Giant. S. Double the size of Ruby King. This is the largest and finest mild Red Pepper. Flesh is thick and unusually mild. Productive bearer	.60	1.75
Long Red Cayenne. H. Used for Pepper sauces; very pungent	.60	1.75
Chili. H. Very piquant and prolific, fruit conical, bright scarlet	.60	1.75
Hot Mango Pepper. H. Very Hot, best for Pepper Sauce and Pickling	.50	1.75
The Pepper or Capsicum is valuable for its seasoning qualities, as well as for pickling. Sow early in heat and transplant when the weather is warm and settled, or sow in warm situation in the garden about the middle of May. Plants should be set a foot and a half apart.		

PUMPKIN

Package 5 Cents

German, Kuerbis; French, Courge; Spanish, Calabaz a Tetanera.



CHEESE PUMPKIN.

	Per oz.	¼-lb.	lb.
Calhoun. Flesh wonderfully thick, fine grained.....	\$0.20	\$0.50	\$1.50
Large Cheese. The best variety, hard and productive	.15	.40	1.25
Connecticut Field. Very productive, largely grown for feeding stock	.15	.30	.75
Mammoth Tours. Grows to an immense size	.15	.45	1.50
Early Sugar. Fruits medium size, of excellent keeping quality. Flesh very sweet	.15	.35	1.25

These are usually in fields of Corn or Potatoes, but may be profitably raised in fields by themselves. Sow in May; in hills eight feet apart.

RADISH**5 Cents Package**

German, Retting; French, Radis; Spanish, Robanitos.

Special price to Market Gardeners in quantity lots. Get our Market Gardeners Price List

	Per oz.	¼-lb.	1-lb.
Early Scarlet Globe. The standard market radish. Our strain is unsurpassed for earliness; rich color and uniform shape .....	.15	.40	1.25
Early Scarlet Turnip. The standard variety, of quick growth, mild and crisp when young	\$0.15	\$0.40	\$1.25
Early Scarlet Turnip. (Forcing) variety, maturing in three weeks .....	.15	.40	1.25
Early Scarlet Turnip, White tipped. A beautiful new early kind, round in shape; color scarlet, tipped with white, a favorite for market gardeners .	.15	.40	1.25
French Breakfast. Of quick growth, very mild and tender, of oval form; color scarlet, tipped with white .....	.15	.40	1.25
Long Scarlet. One of the leading market kinds. ....	.15	.40	1.25
Rose China Winter. Flesh firm and piquant; excellent for winter use .....	.15	.40	1.25
White Summer Turnip. A summer variety of mild flavor .....	.15	.40	1.25
Black Spanish Winter. Long, one of the hardiest and best for winter use .....	.15	.40	1.25
Half Long Black Spanish .....	.15	.40	1.25
Black Spanish. Round .....	.15	.40	1.25
White Strasburg. Very large German sort .....	.15	.40	1.25
Icicle. Long, pure white, suitable for forcing .....	.15	.40	1.25

There are two classes of Radishes, those for Spring and Summer use, which are small and arrive quickly at maturity, and with proper care can be kept all winter. The summer radishes should be used while young and tender; if allowed to grow too long they become tough and stringy; they thrive best in high rich soil. For a successful supply, sow from the middle of March until September, at intervals of two or three weeks. For an early supply they may be sown on a mild hotbed in February. The winter varieties may be sown from the latter part of July to the middle of September.

RAPE

Italia Broccoli Rape40	1.50	1-lb. 4.00
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SORREL**10 Cents Package**

	oz.	¼-lb.	1-lb.
Large Leaved French. The best garden variety, having large pale green leaves of fine quality, resembling spinach, only not so broad. Perfectly hardy, can be cut five or six times15	.50	1.50
Fine Leaved Sorrel. Has an upstanding plant with long slender leaves of medium green; it is more attractive and daintier in appearance than the more commonly known Thick Leaved Sorrel. This can also be planted in the fall for use the following summer .....	.30	1.00	3.00

SPINACH**5 Cents Package**

German, Spinat; French, Epinard; Spanish, Espinaca

Special price on lots of 5, 10 and 25 lbs.

	Oz.	¼-lb.	1-lb.
Long Standing, Round Leaved	\$0.15	\$0.20	\$0.40
Large Viroflay. A new variety, with leaves much larger and thicker than the old variety .....	.15	.20	.40

SPINACH—Continued

Per oz. ¼-lb. lb.

- Imperator.** Our Imperator Spinach is of the long standing without going to seed type, very dark green leaved, growing close to the ground, rather later in growing than Savoy but very attractive having a very heavily crumpled leaf and standing for a very long period without going to seed15 .25 .50
- Bloodsdaile Savoy Leaved.** A large, curled, thick leaved variety, the market gardener's favorite..... .10 .20 .40
- Savoy Leaved New Long Standing.** In offering this new variety, we do it with confidence that it will prove a favorite among growers who grow the Savoy Leaved. It matures during the same season as Bloodsdaile or Norfolk Savoy, but stands about two weeks longer before bolting to seed, which is its feature. The plants are well crumpled and a good deep green color—Valuable for early use15 .25 .50
- Virginia Savoy Yellows or Mosaic Disease Resistant.** A variety originated by the Virginia Truck Experiment Station, a cross between Resistant Bloodsdaile Savoy and Manchurian. This is a cool weather variety, for winter in the South and fall in the North. The leaves have markedly the Savoy characteristics15 .35 .75
- New Zealand.** Produces leaves in great abundance throughout the summer, should be raised in heat and transplanted three feet apart each way into light rich soil15 .25 .75
- King of Denmark Spinach.** Large flat tufts. Early. Good keeper. Will stand 2 to 3 weeks longer than the very best long standing variety10 .20 .50
- New Spinach (Princess Juliana).** This is a new type of "Long Season" Spinach. The leaves are of good size, very dark green, well crumpled and thick. The first plants of Spinach to bolt to seed are the male plants. (Spinach is generally dioecious, i. e.; these are male and female plants.) This first bolting seed has been eliminated in this new race by the production of hermaphrodite plants, these plants seeding much later than male plants10 .20 .50



Sow in fall for spring use, in drills a foot apart, thinning out the plants to three inches apart in the rows. Spinach is very hardy and does not require protection except in very exposed places, where a covering of straw or leaves is useful. For summer use sow as early as possible in spring, and at frequent intervals, during the season for succession.

SALSIFY, OR OYSTER PLANT

Package 10 Cents

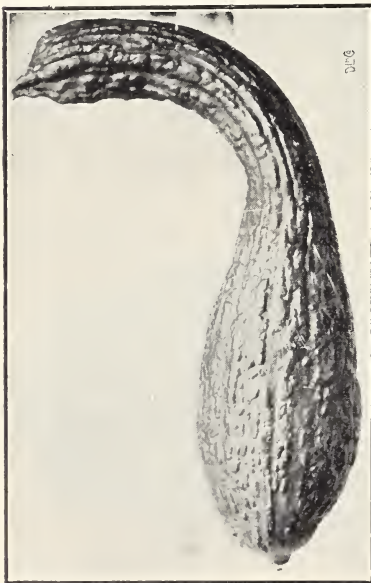
German, Bocksbart; French, Salsifis; Spanish, Salsifi
Mammoth Sandwich Island\$0.30 \$0.85 \$2.75

This very nutritious vegetable requires the same cultivation as Carrots or Parsnips. It is quite hardy and the roots may remain in the ground all winter; a quantity can be taken up and packed in earth or sand, and stored away for use when needed. It makes a fine soup, like the oyster. It is also half-boiled, grated fine, made into small balls, dipped into butter, and fried.

Per oz. ¼-lb.

SQUASH—Package 5 Cents

- Mammoth Summer Crookneck.** Twice size of Summer Crookneck \$0.20 \$0.50 \$1.50
- Early Golden Bush Scalloped.** True bush growth producing fruit ready for use early in the summer15 .40 1.25
- Early White Bush Scalloped.** A white variety of the above15 .45 1.50
- Boston Marrow.** A very valuable medium early variety, an excellent keeper and of superior quality..... .15 .40 1.25
- Golden Hubbard.** The best Winter Squash, fine grained, dry, keeps well and is of excellent flavor20 .50 1.50



SQUASH—Continued.

	Per oz.	¼-lb.
Mammoth Chili. Grows to a large size, often weighing two hundred pounds. Excellent for stock .....	.15	.45 1.50
Vegetable Marrow. A favorite English sort, skin greenish yellow, flesh white, soft and rich flavor .....	.20	.50 1.75
Italian (Cocozella di Napoli) grows 20 inches long with diameter of 3 or 4 in. Green or Marbled Yellow. ....	.25	.50 1.75

Squashes are divided into two classes, Summer and Winter. The Summer varieties come into use about midsummer, and are eaten when the rind and flesh are young and tender. The Winter varieties are left on the vines until they are thoroughly ripe, gathered in the Fall, and stored away for Winter use. If well ripened and kept in a good cellar, they can be preserved until May. Prepare hill for the seeds by incorporating two or three shovelfuls of well rotted manure with the soil for each hill. For the bush varieties, from three to four feet each way, and for the running sorts from six to eight feet. Eight or ten seeds should be sown to each hill, thinning out after they have attained their rough leaves, leaving three or four of the strongest plants.

SWISS CHARD OR SILVER BEET

5 Cents Package



SWISS CHARD.

Silver Leaf. This is a Beet producing leaves only of a quality superior to those of the ordinary Beet, and excellent greens. Cultivate about the same as spinach, by sowing in early spring in drills about a foot apart. Oz., 15c; ¼ lb. 35c; 1 lb. \$1.25.

Giant Lucullus. Large, crinkled leaves; tender and of fine flavor; dark green; pure white ribs. Oz., 15c; ¼ lb., 35c; 1 lb., \$1.25.

TOBACCO

Package 10 Cents

Connecticut Seed Leaf. This variety is best adapted to the climate of the Northern and Middle States. Oz., 50c; ¼ lb., \$1.75.

TOMATO

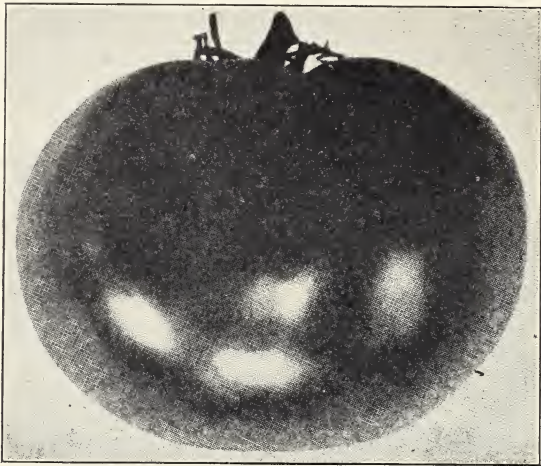
10 Cents Package

German, Liebesapfel; French, Tomate; Spanish Tomata.

	Per oz.	¼-lb.
I. X. L.	\$0.40	\$1.25
John Baer. Earliest tomato grown .....	.40	1.25
Earliana, Extra Early. Bright red, smooth. It is claimed to be one of the earliest introduced, very productive.....	.40	1.25
Favorite. Large, smooth, productive, very solid and of fine flavor. A good shipper .....	.30	1.00
Chalks Early Jewel. Extra early, large, smooth.....	.40	1.25
Trucker's Favorite. Large, smooth and very regular in form, purplish red, solid .....	.40	1.25
Ponderosa. Very large and solid .....	.50	1.75
New Stone. Large and smooth .....	.40	1.25
Livingston's Perfection. Very early, round, smooth, tough skin, brilliant; solid and rich flavor; ripening thoroughly. A favorite market variety .....	.40	1.25
Livingston's Beauty. Large dark crimson, thick skin .....	.40	1.25
Dwarf Champion. Resembles Acme, early.....	.40	1.25
Acme. A beautiful variety. Fruit of medium size, form perfect and very smooth. Ripens all over and through at the same time. This variety seems to possess all the good qualities that can be desired in a tomato .....	.40	1.25
Matchless. Extra large, smooth and handsome; bright red; very solid. Plant of vigorous growth and prolific .....	.40	1.25
Bonny Best. Early tomato, large, smooth, uniform.....	.35	1.00
Marglobe. A new variety developed by the United States Department of Agriculture. Is very wilt resistant and is resistant to nail head rust. Fruit resembles Livingston's Globe but is scarlet and the flesh more solid. Vine dark green and vigorous .....	.75	2.00

TOMATO— Continued

	Per oz.
Yellow Plum. Used principally for pickling.....	.50
Red Pear Shape. Used principally for preserving and pickling .....	.50



EARLIANA TOMATO

The seed should be sown in a hotbed about the first week in March, in drills five inches apart and half an inch deep. When the plants are about two inches high, they should be set out four or five inches apart in another hotbed, or removed into small pots, allowing a single plant to a pot. About the middle of May the plants may be set in the open ground, at a distance of three to four feet apart in hills in which a good shovelful of rotted manure has been mixed.

TURNIP

5 Cents Package

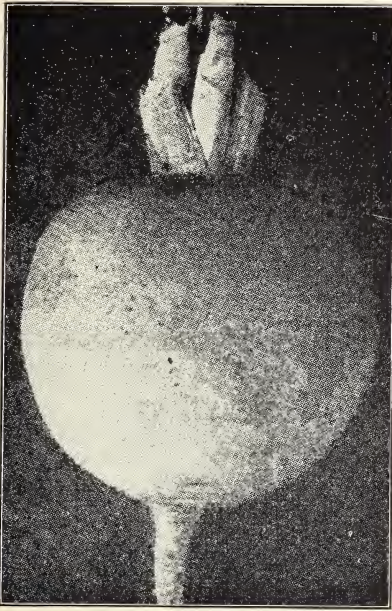
German, Rube; French, Navet; Spanish, Nabo.

	Per oz.	¼-lb.	lb.
Early White Flat Dutch. An early garden variety of medium variety size..	.15	.35	.85
Red Top Strap Leaf. This and the preceding are the best two kinds for Spring sowing and for garden culture.....	.15	.35	.85
Red Top White Globe. Very desirable, extensively grown for market .....	.15	.35	.85
White Egg. A new variety, beautifully shaped; excellent table turnip ....	.15	.35	.85
Yellow Globe. One of the best for general crop, either for table use or stock	.15	.35	.85
Yellow Stone. A good globe-shaped turnip, similar to the above .....	.15	.35	.85
Golden Ball. A table Turnip of quick growth, and unsurpassed quality ....	.15	.35	.85
Long White or Cow Horn. One of the best field Turnips, flesh fine grained	.15	.35	.85
Seven Top. Tops used for Greens.....	.15	.35	.85

TURNIPS—Continued RUTA BAGAS

American Improved Purple Top. The leading variety, of fine quality, valuable both for the table and for feeding stock.

oz.	¼-lb.	lb.
.15	.35	.90



AM. IMP. PURPLE TOP RUTA
BAGA TURNIP

For spring crop commence sowing early varieties as soon as the ground can be worked, in drills fourteen inches apart; thin out the plants to five or six inches apart. Keep clear from weeds, and when the bottoms begin to enlarge, brush away the earth from about the roots the depth of an inch or more and give them a light dressing, of wood ashes. This is the surest mode of obtaining fair and smooth Spring Turnips in old gardens where they are almost certain to grow wormy if the earth is allowed to remain in contact with the roots. It is important to get them started very early so that they may have time to grow a sufficient size before very hot weather, when they will soon become tough and strong. For the Fall and main crops, sow from middle of July to the last of August in drills as directed for the Spring sowing. In the field, Turnips are more generally sown broadcast though much larger crops are obtained by drill culture.

HERB SEEDS

Herbs are valuable for culinary and medicinal purposes, but they do not always receive the attention which they deserve. Sow in Spring as soon as the weather is warm, and thin out as the plants grow up.

	Pkg.	Oz.
Anise (<i>Pimpinella anisum</i>), an annual, cultivated for its seeds and its leaves, which are used for garnishing and for seasoning.....	\$0.10	\$0.25
Basil, Sweet (<i>Ocymum basilicum</i>). This is a tender annual, cultivated for its leaves, which are much used for flavoring soups and sauces .....	.10	.35
Borage (<i>Borage officinalis</i>), hardy annual, sometimes used as a pot herb, and also for garnishing, but chiefly for claret cup and other cooling drinks. Bees are very partial to the flowers .....	.10	.35
Caraway (<i>Carum cauri</i>), hardy biennial, cultivated for its seeds, which are largely used in various kinds of confectionery and for giving flavor to liquors.....	.10	.25
Coriander (<i>Coriandrum salivum</i>), an annual, raised for its seeds, which are used by confectioners, and sometimes to disguise the taste of medicine .....	.10	.25
Dill (<i>Anethum graveolens</i>), annual, the leaves are used in soups and sauces, and the seeds are sometimes added to pickle cucumbers to heighten their flavor. Medicinally they are good for flatulence and colic in infants, ¼-lb., .50; 1 lb., 1.25 .....	.10	.25
Sweet Fennel (<i>Anethum foeniculum</i>), hardy perennial, leaves used for garnishing, and in the preparation of various fish sauces. Tall small foliage resembling dill. 1 lb. \$1.75 .....	.10	.25
Florence Fennel. An excellent salad plant and is also boiled. The flavor is somewhat spicy. Low growing. ¼-lb., 60c; 1 lb., 1.75 .....	.10	.30
Horehound (<i>Marrubium vulgare</i>), hardy perennial .....	.10	.40
Lavender (<i>Lavandula spica</i>), a popular aromatic herb	\$0.10	\$0.30
Marjorum, Sweet (<i>Origanum Majorana</i>), for seasoning .....	.10	.50
Rosemary (<i>Rosmarinus officinalis</i>), an aromatic herb .....	.10	.50
Rue (<i>Ruta graveolens</i>), used for medicinal purposes, also frequently given to fowls for the roup .....	.10	.60
Sage (<i>Salvia officinalis</i>), much used for flavoring articles of cookery. It is also possessed of medicinal virtues. Tea made from its leaves is a soporific; causing profuse perspiration.....	.10	.50
Summer Savory (<i>Satureia hortensis</i>), annual. It has medicinal and culinary uses. Its aromatic leaves are much esteemed in salads and soups .....	.10	.30
Thyme, Broad Leaved English , hardy perennial. Thyme is used in various ways for soups, sauce and dressings, and a tea is made of the leaves which is a great remedy for nervous headaches .....	.10	.50

General List of Flower Seeds

CULTIVATION OF FLOWER SEEDS

HARDY ANNUALS

Successive sowing may be made from March to the end of September; March, April and May are the best months for general Summer display; June and July for Autumn blooming, and August and September for Spring flowering. The soil should be carefully prepared by being finely pulverized and made light and rich.

Sow thinly; cover with a very thin coat of fine dry earth—the smallest seeds needing but a mere dusting to cover them—and from the first keep the plants thinned sufficiently to prevent overcrowding, which weakens them and produces poor blooms.

HALF HARDY AND TENDER ANNUALS.

These include some of the most beautiful and varied of our Summer flowers, among which may be mentioned Asters, Balsam, Ten Weeks Stocks, Phlox, Drummondii and Double Zinnia, which in form, size and brilliancy of flowers, and their great diversity of color, are now brought to a high state of perfection.

Sow from the beginning of March to June; when sown in March and early part of April, sow thinly in well-drained pots, pans or boxes; place in the greenhouse or a frame where there is a mild heat, or in the absence of these a sunny window in the house will do; cover the seeds lightly, press down the soil firmly and give a gentle watering with a fine rose watering pot.

Separate the plants when large enough to handle, and firmly plant out in May, as soon as the weather is sufficiently warm where intended to flower. The seed can be sown in the open ground in May and June.

HARDY BIENNIALS AND PERENNIALS.

These can be grown at all seasons of the year in the open garden without protection, and may therefore be placed among the most useful of our flowering plants their variety is almost endless, producing almost every form of flower and shade of color.

The seeds may be sown from May to October, but the best time is in May and June. Select for sowing a shady, moist situation, and in order to secure fine, strong plants, sow thinly, and as soon as large enough transplant in showery weather to nursery beds, and finally plant out in October and November, those sown in Autumn are best planted out in March or April, where intended to flower. Many Perennials, if sown early and treated as Annuals will flower the first season. The Pansy, Petunia, China Pink and its several splendid varieties, and many others do better as Annuals than Perennials.

ANNUALS FOR WINTER BLOOMING

Many Annuals are very desirable for the greenhouse for Winter blooming; these should be sown in July or August. The most important are Browallia, Candytuft, German Stocks, Lobelia, Mignonette, Schizanthus, Sweet Alyssum and Dwarf Nasturtiums. Many varieties as well as the above may be sown in the Fall and Winter for blooming early in the Spring, such as Acroclium, Ageratum, Antirrhinum, Apple-scented Geranium, China Pinks, Dianthus, Mimulus, Myosotis, Pansy, Petunias, Phlox Drummondii, Salpiglossis, Salvia, Verbena Vinca and others

Abbreviations and Signs used in the following list

- | | |
|---|---|
| <p>A. Annual, refers to those plants that last but one season and must be raised annually.</p> <p>B. Biennial, raised one year, bloom and die the next.</p> <p>P. Perennial, lasts two or more seasons.</p> <p>h. Hardy, as those that may be grown at all seasons in open air, without protection.</p> <p>hh. Half hardy, require the protection of a frame pit; or handlight till May, when they may be transferred to the open garden.</p> | <p>t. Tender, require to be raised and grown under glass, and will only do in the open air in July, August and September.</p> <p>cl. Climbing, as Cypress Vine, Morning Glory, etc.</p> <p>spr. Spreading or trailing as Verbena.</p> <p>g. Greenhouse, those plants which require to be grown under glass.</p> <p>s. Shrubs, plants of a shrubby or bushy habit.</p> |
|---|---|

Those Biennials, and Perennials marked with an (*) will bloom the first year if sown early.

Flowers for Different Situations

Rock
Gardens
Aid in
Beautify-
ing the
Lawn

NATURALIZING

*Aquilegia
*Bellis
*Candytuft
Daisy
*Delphinium
*Digitalis
*Hollyhock
*Lobelia
*Lupinus
*Lychnis
*Myosotis
Petunia
Phlox
Poppy
*Pyrethrum
*Sweet William

DAMP SPOTS

*Delphinium
*Heliotrope
*Hibiscus
*Lobelia
*Myosotis
*Pansy
*Snapdragon
Stocks
*Viola
*Wallflower

HOUSE PLANTS

Begonia
Browallia
Calendula
Callopsis
Carnation
Cineraria
Impatiens
Lantana
Mimulus
Petunia
Primula
Schizanthus

See our
fine list of
flowers for
Hanging
Baskets
and
Porch
Boxes

All Are Easily Grown From Seed

FRAGRANT AND CUT FLOWERS

*Achillea	Didiscus	Petunia
*Anemone	Dimorphotheca	Physalis
*Agrostemma	Eschscholtzia	Poppy
*Aquilegia	Everlastings	*Pyrethrum
Arctotis	Gaillardia	Salpiglossis
Asters	*Gypsophila	Scabiosa
Callopsis	*Heliotrope	Silene
Carnation	Hunnemannia	Statice Sin
Centaurea	Marigold	Stocks
Chrysanthemum	Mignonette	Sweet Peas
Cosmos	Nasturtium	Zinnia
Dianthus	Pansy	

EDGINGS

Alyssum	Nasturtium
Candytuft	Pansy
Dusty Miller	Petunia
Lobelia	Phlox
Marigold Fr.	Portulaca

BACKGROUNDS

*Delphinium	*Digitalis
Cosmos	Hollyhock

MASSED COLORS

*Aconitum
Ageratum
Alyssum
Candytuft
Celosia
Helichrysum
Nasturtium
Phlox
Poppy
Portulaca
Salvia
*Sweet William

Balloon Vine
Cobaea
Cypress Vine
Dolichos
Humulus

Plant more
Flowers
Flowers
and
beautify
the home

CLIMBERS

Ipomoea
*Kudzu Vine
*Lathyrus
Morning-Glory
Tropaeolum

ROCK GARDENS

*Alyssum Saxatile Compac-	*Cerastium Biebersteini
tum	
*Aquilegia, Coerulea	*Delphinium Chinese
*Arabis Alpina	*Dianthus Plumaris
*Aubrietia Grandiflora	*Geum, Mrs. Bradshaw
*Campanula Longistyla	*Geum, Lady Stratheden
*Candytuft, Gibraltarica,	*Linum Perenne
lilac	*Saponaria, Ocyroides
*Candytuft, Sempervirens,	*Statice Latifolia
white	
*Centaurea, Montana, blue	Portulaca
Ice Plant	Verbena

The varieties marked with an asterisk (*) are best treated as perennials.

Use
Back-
grounds
for Formal
Plantings

SUNNY SPOTS

Abronia
*Achillea
Amaranthus
Balsam
Clarkia
Cosmos
Dahlia
Dimorphotheca
Mignonette
Oenothera
Petunia
Phlox
Portulaca
Salpiglossis
*Sweet William
Zinnia

SHADED CORNERS

*Aconitum
*Aquilegia
*Bellis
*Mimulus
*Myosotis
*Pansy
*Primula
Vinca

PORCH BOXES

Abronia
Alyssum
Asparagus
Browallia
Ice Plant
*Linaria
Lobelia
Petunia
Verbena

Select
flowers for
Moist and
Damp
Spots
from Our
Collection

HARDY PERENNIAL FLOWER SEEDS

ACHILLEA (Milfoil or Yarrow) Ptarmica "The Pearl." One of the best and a greatly improved variety of the hardy white perennials. The Pearl produces a larger and a fuller double pure white flower growing about 2 feet high and blooming from spring to frost. Splendid cut flower for vases. **Packet 10c; ¼ oz. \$1.00; 1 oz. \$3.50.**

ACONITUM (Monk's Hood, or Wolfsbane) Napellus. A hardy perennial, growing in any good garden soil, producing long spikes of curiously-shaped blue and white flowers. Well adapted for planting among shrubbery or in shady corners of the garden; 3 to 5 feet. **Packet 10c; ¼ oz. 50c; 1 oz. \$2.00.**

AGROSTEMMA Coronaria (Rose of Heaven or Mullein Pink.) An attractive free-flowering hardy perennial suitable for rock gardens and borders. The Coronaria produces a glowing crimson flower like a single pink with silvery white foliage. They are very easy to grow and bloom abundantly during June and July reaching a height of about 2 feet. **Packet 10c; ¼ oz. 20c; 1 oz. 50c.**

ALYSSUM. Hardy Saxatile Compacta. "The Basket of Gold." A beautiful dwarf hardy perennial for spring beds or edging a flower border also excellent for rockwork. They grow about 1 foot and produce large clusters of flowers of a deep pure yellow. **Packet 10c; ¼ oz. 35c; 1 oz. \$1.00.**

AMPELOPSIS (Boston, or Japanese Ivy) Veitchii. A hardy perennial climber, with olive-green leaves, which turn to scarlet in the autumn. The best and most popular climber for covering brick or stone walls. **Packet 10c; ¼ oz. 20c; 1 oz. 75c.**

ANCHUSA (Summer Forget-Me-Not). Italica Dropmore Variety. A fine, large, hardy herbaceous plant which grows 4 to 5 feet high. It produces beautiful "forget-me-not-like flowers" of the richest Gentian blue during May and June. **Packet 10c; ¼ oz. 30c; 1 oz. \$1.00.**

ANEMONE St. Brigid (Windflower). These beautiful Irish Poppy flowered varieties are hardy perennials flowering from seed the second year and thereafter. Produce in abundance large single, semi-double and double flowers 3 to 5 inches across, in an endless variety of colors, from maroon and brightest scarlet to flesh-pink and from lilac to purple. Some are mottled, striped, ringed, etc. For cutting they are unsurpassed and in the garden they flower until after frost. Seeds may be sown in June or July to bloom the succeeding year. **Packet 10c; ¼ oz. \$1.00; 1 oz. \$3.50.**

ANTHEMIS Kelwayi (Hardy Marguerite). A hardy perennial bearing all summer daisy-like golden yellow blossoms. Excellent for cutting. It grows two feet high. **Packet 10c; ¼ oz. 40c; 1 oz. \$1.50.**

AQUILEGIA (Columbine). No hardy plant grown from seed is more easily handled than the Columbine. Seeds may be sown in the open ground early in spring and will in some cases bloom the same season.

Coerulea Hybrida (Mrs. Scott Elliot's Strain). The blooms are of large size and the spurs very long. The colors range through shades of lavenders, mauves, blues, purples, whites, creams, yellows, pinks, reds, etc. **Packet 10c; ¼ oz. \$1.50; 1 oz. \$5.00.**

Coerulea (Rocky Mountain Blue Columbine.) **Packet 10c; ¼ oz. 75c; 1 oz. \$2.75.**

ARABIS Alpina Grandiflora Alba (Rock Cress). A hardy perennial and one of the earliest and prettiest spring flowers. The spreading tufts are covered with a sheet of pure white flowers as soon as the snow disappears. Unequalled for rockeries or edging; withstands the drought and is always neat. It grows about 6 inches high. **Packet 10c; ¼ oz. 25c; 1 oz. 75c.**

AUBRETIA (Rainbow Rock Cress) Large-Flowering Hybrids. A beautiful dwarf rock plant, covered with sheets of bright flowers in spring and early summer. **Packet 10c; ¼ oz. \$1.00; 1 oz. \$3.75.**

BELLIS (English Daisy). A favorite perennial which will stand the winter if given the protection of a little litter. In bloom from early spring until well on in the summer. Easily raised from seed, which may be sown any time from spring till August. For best results, new plants should be raised from seed each year. **Packet 10c; ¼ oz. 50c; 1 oz. \$1.75.**

COREOPSIS OR CALLIOPSIS Lanceolata Grandiflora. This is one of the finest hardy plants, with large, showy bright yellow flowers, produced in the greatest abundance from June till frost. As a cut flower they stand near the head among hardy plants, having long stems and lasting in good condition a week or more. Easily grown from seed. **Packet 10c; ¼ oz. 20c; 1 oz. 50c.**

HARDY PERRENIAL FLOWER SEEDS—(Continued)

CAMPANULAS (Canterbury Bells). This is unquestionably one of the well known and most beautiful hardy, herbaceous perennials. The seed should be sown by the middle of April in finely prepared soil. The little plants should be transplanted about the middle of July and set in a permanent location early in October. A light mulch should be given during the winter.

Carpatica (Blue Dwarf). Pkg. 10c; $\frac{1}{4}$ oz. 40c; 1 oz. \$1.25.

Perisicifolia Coerulea (Peach Bell). Pkg. 10c; $\frac{1}{4}$ oz. 70c; 1 oz. \$2.50.

Pyramidalis (Chimney Bell Flower). Pkg. 10c; $\frac{1}{4}$ oz. 40c; 1 oz. \$1.25.

Medium (Single). The old-fashioned sort with beautiful, large bell-shaped blooms. Pkg. 10c; $\frac{1}{4}$ oz. 40c; 1 oz. \$1.25.

Calycathema (Cup and Saucer). They differ from the ordinary type in having an extra large calyx which is of the same color as the flower giving the appearance of a cup and saucer. Pkg. 10c; $\frac{1}{4}$ oz. 75c; 1 oz. \$2.50.

Lougistyla. This is one of the newest varieties and one of the most valuable rock garden plants. Pkg. 10c; $\frac{1}{4}$ oz. 40c; 1 oz. \$1.50.

CANDYTUFT—

Gibraltica. Compact growing hardy perennial plant. Showy large growing red and rosy white color, grows one to two feet high. Pkg. 10c; $\frac{1}{4}$ oz. 40c; 1 oz. \$1.50.

Sempervirens. Admirably adapted for permanent front rows of borders completely covered with heads of flowers in early Spring, grows one foot high. White. Pkg. 10c; $\frac{1}{4}$ oz. 60c; 1 oz. \$2.00.

CENTAUREA Montana (Perennial Corn Flower). Grows 2 feet high bearing large violet-blue flowers from July to September. Pkg. 10c; $\frac{1}{4}$ oz. 30c; 1 oz. 80c.

CERASTIUM—

Biebersteini. Gray foliage. An ideal rock plant. Pkg. 10c; $\frac{1}{4}$ oz. 50c; 1 oz. \$1.75.

Tomentosum (Snow in Summer). A desirable low-growing plant with silvery foliage and white flowers in June. Suitable for the rockery or for carpeting dry, sunny spots. Pkg. 10c; $\frac{1}{4}$ oz. 40c; 1 oz. \$1.40.

CHEIRANTHUS. Very pretty dwarf hardy bi-ennial plants for early Spring flowers; sow in late Summer. Splendid for rockeries.

Linifolium (Alpine Wallflower). Compact plants about 9 inches high with numerous small spikes of bright mauve flowers. Makes a very neat line. Pkg. 10c; $\frac{1}{4}$ oz. 75c; 1 oz. \$2.50.

Allionii (Siberian Wallflower). About 12 inches high with heads of brilliant orange flowers. Pkg. 10c; $\frac{1}{4}$ oz. 25c; 1 oz. 75c.

CHRYSANTHEMUM MAXIMUM THE SPEAKER (Moonpenny Daisies). Considered the finest of all, with flowers of extraordinary size of purest white, perfect form, and exceedingly free-flowering. Pkg. 10c; $\frac{1}{4}$ oz. 30c; 1 oz. \$1.

CHRYSANTHEMUM LEUCANTHEMUM HYBRIDUM (Shasta Daisy). A splendid hardy perennial variety with flowers rarely less than five inches across, of the purest glistening white, with broad overlapping petals, and borne on long strong stems, a beautiful cut flower. Pkg. 10c; $\frac{1}{4}$ oz. 60c; 1 oz. \$2.

DELPHINIUM (Hardy Larkspur). The Delphiniums are one of the most popular perennials and are in great demand both for garden decorations and for cutting.

Belladonna or Chiveden Beauty. This is the freest and most continuous bloomer. The clear turquoise blue of its flowers is not equalled for delicacy and beauty; an exquisite variety. Pkg. 10c; $\frac{1}{4}$ oz. \$1.50; 1 oz. \$5.

Bellamosum. This is a rich, deep blue form of the light blue belladonna, having the same free blooming and other good qualities. Pkg. 10c; $\frac{1}{4}$ oz. \$1.50; 1 oz. \$5.

Butterfly Salvia Blue. Compact habit. Excellent for rock garden. Pkg. 10c; $\frac{1}{4}$ oz. 75c; 1 oz. \$2.50.

DIANTHUS PLUMARIUS SEMPERFLORENS. (Everblooming Hardy Garden Pinks). Very beautiful, sweet-scented, double and semi-double and single flowers in great diversity of color. Pkg. 10c; $\frac{1}{4}$ oz. 60c; 1 oz. \$2.

HARDY PERENNIAL FLOWER SEEDS—(Continued)

DIGITALIS (Foxglove). Handsome and highly ornamental hardy plants of stately growth, succeeding under almost all conditions, and with but little attention will give a wealth of flowers during June and July. They are now used extensively with good effect; for naturalizing in shrubberies, the edge of woods and other half shady places; 3 to 5 feet.

Gloxiniaeflora. This is a fine strain of the ordinary Foxglove D. Purpurea with handsome spotted Gloxinia-like flowers on long spikes. **Packet 10c; ¼ oz. 25c; 1 oz. 75c.**

Giant Shirley (Foxglove). This magnificent strain, raised by the late Rev. W. Wilks, to whom we are also indebted for the Shirley Poppies, is unquestionably the greatest improvement ever made in Foxgloves. The very vigorous plants attain a height of 5 to 7 feet with spikes of bloom 4 feet in length, closely set with flowers of unusual size, ranging in color from the purest white to dark rose, handsomely spotted and blotched with crimson, maroon and chocolate. Blooms in June and July. **Packet 10c; ¼ oz. 30c; 1 oz. \$1.00.**

GAILLARDIA (Blanket Flower). The following are among the showiest and most effective hardy perennial plants, and should find a place in every hardy border. They thrive in almost any position or soil, require little or no protection and take care of themselves. Fine for cutting; 2 feet.

Portola Hybrids The Shirley (Blanket Flower). The plant is of strong, vigorous, upright habit of growth, 2½ to 3 feet high, with heavy, leathery, glaucous foliage; the long flower stems straight and strong, hold the massive flowers erect. In color, they are of a rich bronzy red, tipped with a border of varying widths of golden yellow. **Packet 10c; ¼ oz. 60c; 1 oz. \$2.00.**

Grandiflora Shirley. Splendid combinations of crimson and gold in great variety. **Packet 10c; ¼ oz. 60c; 1 oz. \$2.00.**

GEUM (Avens) Mrs. Bradshaw. Geums are hardy perennials that are particularly valuable for the herbaceous border, because if the old stems are kept cut back they will remain in bloom over a much longer period than other hardy plants. They produce a beautiful double crimson scarlet flower rising two feet high which are borne freely throughout the entire summer. **Packet 10c; ¼ oz. 60c; 1 oz. \$2.00.**

Lady Stratheden. New double-flowering golden-yellow. **Packet 10c; ¼ oz. \$1.50; 1 oz. \$5.00.**

GYPSOPHILA (Baby's Breath). Pretty free-flowering elegant plants, succeeding in any garden soil. Their misty white panicles of bloom are largely used for mixing with other cut flowers.

Paniculata Extra Double Snow White. One of the most important hardy perennials of recent introduction. The plant grows from 3 to 3½ feet high, bearing its pretty little double white flowers in much-branched panicles which, when cut, can be used to great advantage with other flowers or by themselves as they retain their beauty for months. It is also a most desirable addition to the hardy border. **Packet 10c; ¼ oz. \$1.50; 1 oz. \$5.00.**

HOLLYHOCK. One of the most majestic of hardy plants, 5 to 7 feet high, and a clump or line in any garden gives an effect not attainable with any other plant. For planting among shrubbery or forming a background for other flowers, it is without equal. Seed sown any time before midsummer will produce fine plants for flowering next year.

Double Mixed Charters. One of the most majestic of hardy plants, 5 to 7 feet high, and a clump or line in any garden gives an effect not attainable with any other plant. For planting among shrubbery or forming a background for other flowers, it is without equal. **Packet 10c; ¼ oz. 50c; 1 oz. \$1.50.**

Single Varieties. Many prefer the single-flowering Hollyhocks. They are usually of freer growth than the doubles, and present a very handsome appearance when covered with their artistic blossoms. Mixed. **Packet 10c; ¼ oz. 35c; 1 oz. \$1.**

MIXED. Containing all colors from purest white, pink, rose and yellow to the deepest black-maroon. **Packet 10c; ¼ oz. 35c; 1 oz. \$1.00.**

LATHYRUS LATIFOLIUS (Everlasting or Hardy Sweet Peas). Showy, free-flowering hardy perennial climbers for covering old stumps, fences, etc., continually in bloom; fine for cutting. **Packet 10c; ¼ oz. 25c; 1 oz. 75c.**

HARDY PERRENIAL FLOWER SEEDS—(Continued)

LINUM (Flax) Perenne. Hardy perennial variety, with bright blue flowers; 18 inches. **Packet 10c; ¼ oz. 15c; 1 oz. 50c.**

LUPINUS (Lupine) Polyphyllus Sorts. Effective hardy perennials, succeeding in any good garden soil; blooms in May and June; 3 feet. **Packet 10c; ¼ oz. 25c; 1 oz. 75c.**

LYCHNIS. Chalcedonica (Lamp Flower) (Mattise Cross). Grows tall and erect and has blossoms of brilliant scarlet. It is most effective when grown in a large clump. Grows 2½ feet high and blooms during July. **Packet 10c; ¼ oz. 35c; 1 oz. \$1.00.**

MYOSOTIS. Alpesteris Victoria Azurea Dwarf Sky-Blue (Forget-Me-Not). Perennials are hardy if given slight protection through the winter. Seed may be sown any time from spring till mid-summer. A favorite sort, with fine heads of large, clear, azure-blue flowers; plants bushy and compact; makes a fine edging or bed. **Packet 10c; ¼ oz. 40c; 1 oz. \$1.50.**

Palustris Semperflorens. An everblooming variety, beginning to flower in May and June continuing till September. Large clear, blue flowers in pretty sprays and grows 8 to 10 inches high. They can be grown in any soil in a sunny or half shady location. **Packet 10c; ¼ oz. 75c; 1 oz. \$2.50.**

ORIENTAL POPPIES (Papaver Orientale). Oriental Poppies can be sown any time during the summer and early autumn. The plants disappear during July and August appearing again as soon as the weather gets cool. When this fall growth starts is the time they should be transplanted to their permanent flowering quarters. It is well to mark the places they are planted with a stake to insure the roots against disturbance during their annual resting period.

Brilliant (Dark Red). **Packet 10c; ¼ oz. 75c; 1 oz. \$2.50.**

Princess Victoria Louise (Salmon Red) (Varies). **Packet 10c; ¼ oz. \$1.25; 1 oz. \$4.00.**

Mixed. **Packet 10c; ¼ oz. 75c; 1 oz. \$2.50.**

ICELAND POPPIES (Papaver Nudicaule). Hardy perennials of graceful neat habit, with bright green fern-like foliage, formed in tufts, from which issue slender stalks about 12 inches high, bearing their brilliant flowers in endless profusion; most useful for cutting, for which purpose pick when in bud, and, if the seed pods are picked off, continue in flower the entire season. They remain evergreen throughout the winter, coming into bloom early the following spring.

Tangerine Large Flowered Bright Scarlet. **Packet 10c; ¼ oz. \$1.00; 1 oz. \$3.50.**

Sunbeam. An improved strain of Island Poppy of robust growing habit with longer stems and much larger flowers. Colors white, lemon yellow and orange scarlet. **Packet 10c; ¼ oz. 75c; 1 oz. \$2.50.**

Excelsior (Choicest Mixed). **Packet 10c; ¼ oz. 75c; 1 oz. \$2.50.**

PHYSALIS FRANCHETI (Chinese Lantern Plant). An ornamental plant that has recently come into popular favor for the decorative value of its brilliant orange-scarlet lantern-shaped fruit pods which can be cut and dried, in which shape they are used extensively for floral decorations during the winter. **Packet 10c; ¼ oz. 40c; 1 oz. \$1.50.**

PRIMULA Japonica (Japanese Primrose). Bright and showy flowers blooming in whorls on stems 6 to 9 inches long, mixed colors. **Packet 10c; ¼ oz. \$1.50; 1 oz. \$5.00.**

Auricula. A well known favorite of great beauty. Seed saved from splendid mixed varieties. **Packet 10c; ¼ oz. \$1.50; 1 oz. \$5.00.**

PYRETHRUM—

Hybridum Extra Double (Painted Daisy). An extra double market strain, a well blended mixture of excellent double flowers. Hardy perennial, bearing large Daisy-like flowers, ranging in color from white to deep red, with bright yellow centers; blooms in May and June and again in the fall; and is one of the most graceful and long-listing cut flowers. **Packet 10c; ¼ oz. \$2; 1 oz. \$7.**

Single Large Flowering. **Packet 10c; ¼ oz. 60c; 1 oz. \$2.25.**

HARDY PERENNIAL FLOWER SEEDS—(Continued)

RUDBECKIA (Cone Flower). Indispensable plants for the hardy border; grow and thrive anywhere, giving a wealth of bloom, which are well suited for cutting.

Newman Speciosa. One of the finest of autumn-flowering perennials, bearing large flowers. Bright orange-yellow petals surrounding a large black cone. **Packet 10c; ¼ oz. 60c; 1 oz. \$2.25.**

Echinacea (Red Perennial Sunflower.) **Packet 10c; ¼ oz. 60c; 1 oz. \$2.25.**

HARDY SALVIAS Farinacea. A perennial variety, usually grown as an annual. The fine light blue flowers are borne on long spikes held above the foliage; makes a good blue line; 2 to 3 ft. **Packet 10c; ¼ oz. 40c; 1 oz. \$1.50.**

SAPONARIA (Bouncing Bet). Oeymoides. Very showy hardy perennial rock plant, producing during the summer months masses of small, bright rose flowers; 9 inches. **Packet 10c; ¼ oz. 40c; 1 oz. \$1.50.**

SCABIOSA New Giant Hybrids (Isaac House Strain). Last year we introduced this wonderful improvement in perennial Scabiosa and recent reports lead us to believe they are making an accounting for themselves as a florists' cut flower. They are more vigorous in their plant growth, having longer and stouter stems with the average size of the flowers more than a third larger than the best strain of Caucasica we have heretofore seen. The outer edges are ruffled and fringed and the colors range from a very light lavender to a dark blue, giving the range of color necessary for general florists' use. We highly recommend this strain not only for florists' use but for the retail business where fancy stocks are required. **Packet 10c; ¼ oz. \$1.50; 1 oz. \$5.00.**

STATICE LATIFOLIA (Sea Lavender). Splendid hardy perennials, either for the border or rockery, producing all summer panicles of minute flowers, which can be dried and used for winter bouquets. **Packet 10c; ¼ oz. 75c; 1 oz. \$2.75.**

SWEET WILLIAM (Dianthus Barbatus). A well-known, attractive-flowering hardy perennial, producing a splendid effect in beds and borders with their rich and varied flowers. It is much better to raise new, vigorous, young plants from seed every season than to divide the old plants.

Newport Pink. A distinct new color which originated in one of the far-famed melon-pink or salmon-rose; strikingly brilliant and beautiful. The flowers are borne in massive heads, on stems 18 inches high. For midseason mass bedding it has no equal. It is also very effective for cutting. **Packet 10c; ¼ oz. 30c; 1 oz. \$1.00.**

Scarlet Beauty. An intensely rich deep scarlet, very vivid, and quite an improvement over other listed varieties of its color. **Packet 10c; ¼ oz. 30c; 1 oz. \$1.00.**

Holborn Glory. This strain is a large-flowered selection of the auricula-eyed section, the most beautiful and admired of all Sweet Williams. Individual flowers and trusses are of extraordinary size, while the range of color, all showing a clear, white eye, is truly superb. **Packet 10c; ¼ oz. 30c; 1 oz. \$1.00.**

Pink Beauty. An intensely pink free flowering. **Packet 10c; ¼ oz. 30c; 1 oz. \$1.00.**

Single Finest Mixed. These will grow from 18 inches to 2 feet. The stems are straight and stiff and the trusses of bloom about five inches across, a good edging or border plant. Blooms in June. **Packet 10c; ¼ oz. 25c; 1 oz. 75c.**

Double Extra Fine Mixed. The plants are of robust, bushy habit, producing numerous stems, surmounted by immense umbels of full, double flowers, many of the individual flowers measuring one inch in diameter. The colors are extremely varied. **Packet 10c; ¼ oz. 35c; 1 oz. \$1.25.**

Namus Compactus (Suitable for Rock Gardens). **Packet 10c; ¼ oz. \$1.00; 1 oz. \$3.50.**

THUNBERGIA ALATA (Blackeyed Susan). Rapid-growing climbers attaining a height of 6 to 8 feet, densely clothed with neat, green foliage not affected by insects; the small single flowers of various colors are freely produced. A pretty vine for trellis, fences, rock-work, etc. Though tender perennials, they are usually grown as annuals. **Packet 10c; ¼ oz. 30c; 1 oz. \$1.00.**

				1 oz. ¼ lb.		
Ageratum , mixed	hha	1	blue	.50	1.75	} Valuable bedding plants, of dwarf habits, very free-flower.
Alyssum , sweet	ha	½	white	.50	1.75	
Amaranthus Love Lies Bleeding	hp	4	var. col.	.50	1.75	} Fine plants for decorating purposes for conservatory and flower garden. Amar, tri-color, known as Joseph's coat.
" tricolor Jos. coat	"	2		.50	1.75	
*Antirrhinum snapdragon	"	10	wh. g'rn	1.00		} The Antirrhinum or Snapdragon, a very useful and showy plant.
Asters , Giant Branching						
" Light Blue				1.25		} One of the most popular favorites, producing flowers of the most perfect and beautiful form, as well as richness and variety of color. They delight in a rich, light soil and in hot dry weather should be mulched with well rotted manure, and supplied liberally with water.
" Pink				1.25		
" White				1.25		
" Crimson				1.25		
" Lavender				1.25		
" Mixed				1.00		
Baby's Breath (<i>Gypsophila</i> ...	hp			.50	1.75	} Charming spring pot plant.
Ballon Vine	hha			.50	1.75	
Balsam , Camelia-flowered mixed		2		.50	1.75	} Balsam or Ladies' Slipper.
" Apple	"	10	yellow	.50	1.75	
" Pear	"	10	yellow	.50	1.75	
Calendula Mixed	ha	1 1-3	striped	.40	1.25	Fine for edgings.
Campanula <i>Carpatica</i>	hp	1	blue	.50	1.75	Bell-Flower.
Candytuft						} Beautiful and useful hardy annuals, very effective in beds, groups or ribbon borders; also for pot culture.
" white	ha	1	white	.50	1.75	
" mixed	"	1	various	.50	1.75	
*Canterbury Bells , mixed	hb	3	mixed	.50	1.75	} Handsome old - fashioned plants for mixed borders.
Carnation , finest double	hp	2	various	1.50	5.00	
" mixed for borders ...	"					} The Carnation Pink is indispensable for its rich flowers and delicious perfume.
Centaurea <i>Cyanus</i> Corn Flower	"	1	wh fol.	.40	1.50	
Chrysanthemum , annual mixed	ha	2	various	.50	1.75	} Showy annuals, for mixed beds or borders.
Cineraria <i>Dusty Miller</i>	hp	1½	yellow	.50	1.75	
*Cobaea <i>scandens</i>	hhp	20	purple	.75	2.50	} Superb strain; large flowers of beautiful form and color.
Cockscomb , feathered, mixed ...	hha	3	various	1.00		
Coleus , from newest varieties...	tp	2	var. fol.	6.00		} Exceedingly handsome plants. The dwarf varieties are excellent for pot culture.
Convolvulus <i>major</i>	ha	10	various	.40	1.25	
" <i>Japanese</i>	"			.50	1.75	} C. Major (Morning Glory) is one of the best known climbers.

				1 oz.	¼ lb.	
Cypress Vine scarlet	ta	10	scarlet	.60	2.00	} Well-known beautiful climb- ers.
" mixed	"	10	div.	.50	1.75	
*Dahlia, finest double	hha	6	various	3.00		
Daisy, double	hp	¼	various	2.50		
*Dianthus Chenensis, double...	"	1	mixed	.75	2.50	} Fine variety of China Pink; should be in every garden.
Dolichos lablab	ta	10	purple	.40	1.25	} Hyacinth Bean; free growing climber.
Eschscholtzia California	ha	1	yellow	.50	1.50	Useful, bright looking plants.
Everlasting Rhodanthe flowers	"			.60	2.00	For Winter bouquets.
Foxglove (Digitalis)	hp	3	various	.75	2.50	Showy mixed varieties.
*Four o'Clocks (Mirabilis)	hhp	2	various	.50	1.50	Well-known useful plants.
*Gaillardia, mixed	"	2	various	.75	2.00	Beautiful for border or pots.
Gourd, Dipper	ta	10	yellow	.40	1.25	} Mock Orange; excellent rapid growing climbers, with pe- culiar and handsome fruits.
" mixed	"	10	yellow	.40	1.25	
Helichrysum Bracteatum, Im- mortelle Mixed	ha	2		.60	2.00	} For Winter bouquets.
Heliotrope, mixed vari.	hhp	1	various	1.50		Well-known fragrant plants.
*Hollyhock, double mixed	hb	6		1.00		} Sow in June or July for flow- ering the next Summer.
Japanese Morning Glory	ta	15	varieg'd	.50	1.75	Climbers.
Larkspur Tall Rocket	ha	3	varieg'd	.75	2.50	} Fine free flowering plants of various beautiful colors.
Lobelia mixed varieties	hha	½		1.50		} A charming class of dwarf growing plants for ribbon borders, hanging baskets, rockwork, etc.
Marigold African	ha	1	mixed	.75	2.50	} Fine class of plants for mixed beds or borders.
" French Dwarf	"	2	mixed	.75	2.50	
Mignonette, large flowered	"	1	bluff	.60	2.00	} The New Giant Pyramidal is a variety of recent introduc- tion.
" pyramidal flowered...	"	1	bluff			
Mexican Fire Bush (Kochia) ..		2½		.50	1.50	Used as a hedge.
Moon Vine	"	20	white	.75	2.50	} The vines are covered with immense white flowers, 6 inches or more across.
*Mimulus moschatus (Musk Plant)	hhp	½	yellow	9.00		} Musk plant.
Myosotis alpestric	hp	spr.	blue	1.00		} Myosotis is the well-known Forget-me-not.
Nasturtium						
" Dwarf mixed	"	1	various	.15	.50	} Plant of great beauty, bloom- ing profusely in poor soil.
" Tall, mixed	"	6	various	.15	.50	
*Pansy Non Plus Ultra	hp	½	various	4.00		} Valuable early Spring bloom- ing plants.
* " Extra choice mixed	"	½	various	3.00		
* " Bugnot	"	½	various	4.50		
Passiflora coerulea	"	10	various	1.50		Bronzy purple foliage.

			1-64 oz.	1 oz.	¼ lb.	
Petunia finest mixed double....			5.00			} Beautiful bedding or pot plants producing a great variety of charming colors and continually in bloom all Summer.
“ “ “ single ..				2.00		
Phlox Drummondii	hha	sc. & w.	1.75			} The P. Drummondii is one of our very best annuals, noted for richness in color, profuseness of blossom, and length of duration in bloom.
Poppy finest mixed double.....	“	1	various	.40	1.25	
“ Shirley	“	1½	tinted	.50	1.75	} For bedding and borders.
Portulaca , mix., single	hha	½	various	1.00		
“ double finest	“	½	various	3.00		} This popular annual is unrivaled for brilliancy of color. The double varieties are especially beautiful.
Primula Sinensis , mixed	gp		mixed	6.00		
Rocket Sweet, mixed	ha	1	mixed	.50	1.75	} Chinese Primrose; is an invaluable and very beautiful class of Spring and Winter decoration of the greenhouse, conservatory or drawing room.
Ricinus , mixed varieties	hha		various	.50	1.75	
Stock , German, Ten Weeks, mix	nha	1	various	2.00		} Free flowering fragrant perennials.
Sweet Pea , “ Eckford Mixed	“	5		1 oz. ¼ lb. .10 .35		
“ Finest Mixed, Spencer	“	5	various	.25 .90		} Stately plants, with large, handsome foliage. Very showy.
Salvia splendens	hhp	3	scarlet	3.00		
* Scabiosa , double	hb	1½	various	1.00		} These much admired fragrant flowers are everywhere popular, their handsome spikes of double flowers lasting a long time in bloom. Desirable for pot culture or bedding. Seed may be sown at any time.
Sensitive Plant	ta	1	pink	.75	2.50	
Sweet William , aricula flowered	hp			.75	2.50	} A beautiful and highly popular class of hardy annual climbers, deliciously fragrant.
* Verbena mamoth mix.	hhp	spr.	various	1.50		
* Violet , The Czar	hp	½	blue	4.00		} Splendid free flowering ornamental plants.
Wallflower , single	hhp	2	mixed	3.50		
Wool-Flower Celosia Childsii ..	“			2.50		} Sweet Scabiosa, very pretty, useful for bouquets.
Wild Cucumber	ha	20	white	.50	1.75	
Wild Flower Garden	“			.75	2.50	} Curious and interesting.
Zinnia elegans , double	hha	5	mixed	.75	2.50	
						} Very beautiful hardy perennials.
						} The Verbena is deservedly the universal favorite. The seed of the finest mixed is from the finest flowers in cultivation.
						} Defightfully fragrant.
						} An old-fashioned fragrant flower.
						} A fast-growing ornamental vine.
						} Mixture of fine annuals and perennials.
						} Brilliant flowers of many shades of color



How To Make A Lawn

The production of a good lawn is made by the following method: (1) When the soil is moist dig it up about 6" deep; if the ground is "muddy" allow a few days of clear weather to dry it up. (2) As you dig lift each clod high enough to enable you to turn it completely over. (3) Now break and pulverize the inverted clod with the back of the fork. (4) Remove from the plot all stones, sticks, etc. (5) Scatter Hyper-Humus on the dug earth, use 100 lbs. to every 60 square feet. (6) Draw our "speedy" cultivator or a rake back and forth over the whole plot until the soil is in a fine condition. (7) Purchase "Velvet" Lawn

Seed at the minimum rate of 1 lb. per 400 square feet, plot 20x20, or double the quantity when the lawn is needed quickly or a very thick turf desired. Divide the seed in two equal parts and sow on a calm day, going over the whole area twice the second time at right angles to the first. (8) Rake the plot again very lightly. This time drawing the rake toward you in a series of light strokes, raking only once in the same place. Grass seed should not be covered more than one-eighth of an inch. (9) Roll (or pat with the back of a spade) the area planted when dry.

LAWN DRESSING

Use Bowker's Lawn Dressing liberally when the seed comes up and make sure your lawn gets all the food necessary to develop the fullest life. 10 lbs., 80c.

LAWN ROLLERS

Rolling makes a compressed soil which forces greater root development insuring a lawn of enduring green the whole season. \$12.50 up.

LAWN SEED

STANDARD

This mixture contains a large portion of the finer and more expensive grasses in extra heavy samples, including a 5% (by weight) addition of Holland White Clover. This produces a turf of the closest and finest texture possible, and insures an enduring green.

Lb. 50c; 5 Lbs. \$2.25; 20 Lbs. \$8

VELVET

This mixture particularly adapted to the soils and climate of Northern Jersey, is an intelligently arranged combination of the fine leaf dwarf grasses only, which, in succession, reach their maximum development at a time of year beginning with the late spring and continuing until fall.

Lb. 65c; 5 Lbs. \$3; 20 Lbs. \$11

SHADY

The grasses used in making this special mixture are only those that are well adapted for growing in shade, and as it blends well with our Velvet Lawn Grass Mixture, it may be used on those portions of the lawn which are shaded by trees, buildings, etc., thus covering the whole area with a rich green sward.

Lb. 65c; 5 Lbs. \$3; 20 Lbs. \$11

Blue Grass Kentucky (*Poa pratensis*), extra clean; does well on light dry soils; it requires two or three years to form a good sod, and does not arrive at its perfection as a pasture grass until it is much older.

Blue Grass Canada. Little coarser than Kentucky.

Creeping Bent Grass, Florin (*Agrotis stolonifera*), used for Putting Greens, well adapted to most lawns.

Crested Dogtail (*Cynosurus cristatus*), good for permanent lawn, is productive and early, suffers but little from dry weather.

Fancy Red Top Grass, cleaned like Timothy; free from chaff Market Price

Rhode Island Bent Grass (*Agrotis Tennis*), best of all grasses for lawn where only one variety is used Market Price

Rye Grass English (*Lolium perenne*). Probably one of the most important and valuable of the cultivated grasses; is naturally adapted to almost any soil; matures early, and is very productive Market Price

Wood Meadow Grass (*Poa nemoralis*). This grass grows well both on shady and exposed situations. 30 lbs. to the acre. Market Price

White Clover (*Trifolium repens*). This familiar plant is much used for lawns. It grows quickly, forms a green herbage and remains green throughout the season. The addition of bone meal or lime to the soil is a great benefit to it. Market Price

MEADOW AND PASTURE SEED

The formation of permanent and productive meadows and pastures is of great value to farmers, and has been given thorough study by numerous experts, resulting in formulas that will give good results under the varying conditions of our climate and soils.

MEADOW MIXTURE FOR ONE ACRE

No. 1. On Good Land

Neither Too Dry nor Too Wet

Price 15.00 for 40 lbs. Sow 40 lbs. to the acre

No. 2. For High and Dry Land

Price 15.00 for 40 lbs. Sow 40 lbs. to the acre

No. 3. On Wet Land

Price 15.00 for 40 lbs. Sow 40 lbs. to the acre

PASTURE MIXTURE FOR ONE ACRE

No. 4. On Good Land

Neither Too Wet nor Too Dry

Price 15.00 for 40 lbs. Sow 40 lbs. to the acre

No. 5. On Dry Land

Price 15.00 for 40 lbs. Sow 40 lbs. to the acre

No. 6. On Wet Land

Price 15.00 for 40 lbs. Sow 40 lbs. to the acre

Tall Meadow Oat Grass (*Avena Elatior*). As a crop to cut for hay, this is very desirable because of its early and luxuriant growth. It shoots up very quickly after being cut, and produces a thick crop of aftermath, which also makes it valuable.

Timothy, Herd's Grass (*Phleum pratense*). As a crop to cut for hay, this is probably unsurpassed. It thrives best on moist, peaty or loamy soils. 45 lbs. to bushel.

Hard Fescue (*Festuca duruiscula*), admirable pasture grass of fine quality, thrives well in dry situations. 30 lbs. to the acre. ----- Market Price

Meadow Fescue (*Festuca pratensis*), this is excellent for hay when sown with other grasses, such as Orchard Grass and Timothy, and is also considered one of the greatest grasses for permanent pasture on a great variety of soils. 40 lbs. to the acre ----- Market Price

Sheep's Fescue (*Festuca ovina*), does well in high, dry and open pastures, is of short, dense growth, and valuable in lawn mixtures, 30 lbs. to the acre ----- Market Price

Orchard Grass (*Dactylis glomerata*), is one of the most desirable of all pasture grasses, coming early in the Spring and remaining later in the Autumn than any other. 3 bu. to the acre. 14 lb. bu. ----- Market Price

Tall Oat Grass (*Avena Edatior*), good for dry pastures and meadows.

Golden or German Millet. This variety is a heavier cropper than the Hungarian Grass, and needs a longer season and stiffer soil. Grows from three to five feet high, stands up well, is easily cured. Three pecks to the acre. Per bushel of 48 lbs. ----- Market Price

Japanese Millet. Frequently as high as 12 tons of green food have been obtained from an acre. It is somewhat coarse in texture, growing sometimes as high as 8 feet; it is, however, ideal for silo or hay purposes. If sown early in May, it may be cut twice in one season. Sow 12 lbs. per acre broadcast. 32 lb. per bushel ----- Market Price

Hungarian Grass. A valuable forage plant, succeeds well on dry, light soil; withstands the drought remarkably, remaining green when all other vegetation is parched up, and if its development is arrested by dry weather, the least rain will restore it to vigor. Sow broadcast. Three pks. to the acre. Per bushel of 48 lbs. ----- Market Price

FIELD SEED

CLOVERS

(Subject to Variation in Price)

Red Clover. Medium (*Trifolium pratense*). Price variable, 60 lbs. to bushel.

Red Clover, Large or Pea Vine. Price variable.

Alfalfa or Lucerne. Requires a deep rich soil, and in such will produce several crops every season. Fifteen pounds to the acre.

Alsike or Swedish (*Trifolium hybridum*). Ten pounds to the acre.

Crimson or Italian (*Trifolium incarnatum*), sown in Autumn, it furnishes an early fodder and is excellent for soiling. Twenty pounds to the acre. Price variable.

SPRING WHEAT, 60 lb. Bushel

Marquis Spring. This variety has been grown with great success for a number of years in Canada, and is very highly recommended, is beared, yields well and the kernels are larger than those of other Spring varieties. Market Price.

WINTER WHEAT, 60 lb. Bushel

Red Mediterranean. (American). This is the imported variety fully acclimated and is a standard wheat. The heads are beared and well filled. It succeeds well in nearly all localities and ripens early.

OATS, 32 lb. Bushel

Swedish. Very popular and standing well until fully ripe.

SPRING AND WINTER RYE, 56 lbs. to Bushel

FIELD PEAS, 60 lbs. to Bushel

Canadian Field Peas. Valuable for Northern climates for cattle-feeding and for green soiling. Sow 3 bus. per acre alone, or 1½ bus. with 1 bu. oats.

VETCHES, 60 lbs. to Bushel

Vetches, or Tares, Spring (*Vicia Sativa*). Highly valuable for soiling or for green manuring. Use 2 to 3 bushels to acre, broadcast, or 1 to 2 bushels in drills.

Vetches, or Tares, Winter (*Vicia Villosa*). Also called Sand Vetch, or Hairy Vetch. A great soil improver, and a nutritious green fodder or hay crop. For Fall sowing. Sow 1 bushel per acre, with 1 bushel of rye.

BUCKWHEAT, 48 lbs. to Bushel

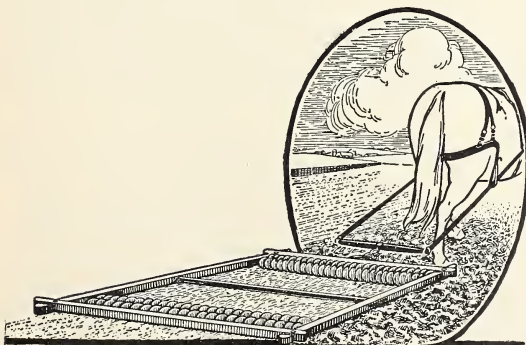
Japanese. Earlier, more prolific and yields nearly double the weight per acre of other sorts.



THE MEEKER SMOOTHING HARROW

"HELPS GOOD SEEDS GROW"

Prepares Any Soil for Planting



THE MEEKER HARROW is a perfect pulverizing and smoothing harrow and land roller combined.

As the illustration shows, it has four sets of rollers, equipped with 46, 58 or 82 discs, depending upon the size. These discs are set in alternating rows so that the entire surface is thoroughly worked. They grind up all lumps, leaving the soil fine and smooth. Even in damp soil, the alternating arrangement of the discs prevents clogging.

The board in the center serves as a leveler. It is set at an angle and can be adjusted up and down. It smoothes down ridges and fills up the hollows.

Price 6 ft., 8 in. x 6 ft., with 8 discs, \$40.00
Price 4 ft., 6 in. x 4 ft., with 8 discs, 36.00

EVERGREENS

JUNIPERS

Pfitzeriana (Pfitzer's Juniper). One of the most popular Junipers, used in foundation planting. Branches grow at angle of about forty-five degrees from the stem. It is a grayish green, Summer and Winter. Grows 6 to 10 feet.

Communis hibernica (Irish Juniper). Well known evergreen; distinct and beautiful. Very erect and columnar, with dense, silvery green foliage, and upright branches. A few of these can be planted to advantage in almost every lawn.

Stricta (*Juniperus Edcelsa Stricta*). A compact and slow-growing Juniper with grayish green foliage. Very desirable for foundation plantings or as a specimen where a low-growing tree is required. A distinct and beautiful evergreen.

PINE

Austriaca (Austrian Pine). A tall, massive tree, growing to 100 feet in height, with spreading branches and gray bark. Has long, stiff, very dark green needles.

Sylvestris (Scotch Pine). One of the hardiest of the Pines. Dense growth with bluish green foliage, useful for massing or as a screen. Ultimate height 70 to 80 feet.

SPRUCE

Excelsa (Norway Spruce). A tree sometimes reaching 100 feet in height, with spreading branches and usually pendulous branchlets. One of the most extensively planted ornamental evergreen trees. Growth is very rapid; habit is graceful; foliage is dark green and dense. It is one of the best conifers to plant for shelters and windbreaks. 49c.

CYPRESS

Plumosa Aurea (Golden Plumed Cypress). One of the most popular of the golden evergreens and suitable for almost any situation. It is soft plumelike, golden foliage, and its color forms a beautiful contrast to the green grass and surrounding evergreens.

Plumosa (Green Retinospara). Similar to the golden, except that foliage is green.

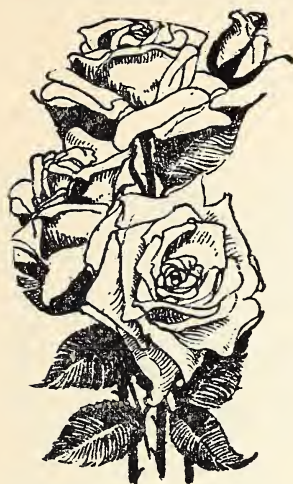
ARBOR-VITAE

Occidentalis (American Arbor-Vitae). One of the most popular evergreens because of its easiness to transplant; grows well under adverse conditions, and as a specimen or hedge plant, it is very attractive. It is inclined to be conical in habit of growth, and while it is not as green in color during the winter as some of the other varieties, it is one of the most popular, because of its many good qualities. 98c.

Ellwangeriana (Tom Thumb Arbor-Vitae). Very dwarf, globe-shaped; bright green during Summer, then turning to bronze in Winter. A handsome variety.

PEONIES

Peonies are perfectly hardy and when once planted, increase in beauty each year. We have selected the most popular varieties, all good, strong, three- to five-eye divisions, which we are offering at unusually low prices. Price 75c.



ROSES

Rose—the mere name is an inspiration to garden lovers. Down through all ages it has been known and accepted as the “Queen of Flowers”—adored and loved by all. Its grace of shape and form, its fragrance, its delicacy and refinement, the velvet texture of its petals, its tender association and the sentiment enshrined in song and story, all combine to make the rose the best known and best loved of all flowers.

Our fine, strong, well developed, budded, two year old plants, individually wrapped in damped moss, to insure minimum root evaporation, if planted in the spring will make a continuous bloom of beautiful roses through the entire summer.

EVERBLOOMING

Amelie De Greiff—Light Shell and Salmon pink

Betty—Pale Bluff Pink

Columbia—Clear Rose Pink

Cleveland—Old Rose Coppery Pink

Crimson Queen—Velvet Red

Duchess of Wellington—Saffron Yellow

Etoile de France—Crimson Red

E. H. P. Kingma—Deep Apricot and Orange Yellow

Frank W. Dunlop—Bright Carmine Rose Pink

Francis Scott Key—Deep even Red

Florence Pemberton—Peach Pink

George C. Waud—Orange Red Vermilion

General McArthur—Brilliant Crimson Red

Gruss & Teplitz—Deep Crimson Red

Gorgeous—Deep Orange Yellow

Jonkheer J. L. Mock—Carmine Rose-Silvery White

K. A. Victoria—Lemon White

Konigen Carola—Soft Silvery Pink

Killarney Queen—Scarlet Pink

Lady Alice Stanley—Carol Pale Flesh Pink

Lady Ashtown—Pale Carmine Pink

Lady Pirrie—Coppery Reddish Salmon Yellow

Laurent Carle—Brilliant Velvet Carmine Red

Los Angeles—Luminous Flame Yellow Pink

Louise C. Breslau—Coral Red with Chrome Yellow

La France—Bright Pink

Lady Ursula—Silvery Pink

Marie Adelaide—Copper Yellow

Miss Lolita Armour—Chrome Yellow Shading to Orange

Miss Cynthia Ford—Brilliant Rose Pink

Madam Bordeaux Job—Canary Yellow

Madam Butterfly—Yellow Pink

Mary C. of Ilchester—Deep Rose Pink

Madam Leon Pain—Silvery Flesh Pink

Mrs. Ambrose Ricardo—Light Yellow suffused in Pink

Madam E. Herriot—Coral Red Shaded with Yellow

Madam Jules Bouche—Pearly White

Madam Segond Weber—Rosy Salmon Pink

Marquise de Ganay—Bright Silvery Pink

Mrs. Aaron Ward—Indian Yellow

Mrs. A. R. Waddell—Apricot Yellow with Orange

Mrs. George Shawyer—Clear Rose Pink

Ophelia—Salmon Pink and Yellow

Pharisaer—Rosy White

Pax Labor—Light Yellow, Very Double

Prince de Bulgarie—Silvery Flesh and Saffron Yellow

Queen of Fragrance—Shell Pink Tipped with Silver

Radiance—Light Silvery Flesh Pink

Red Radiance—Deep Rose Pink

Rose Marie—Clear Rose Pink

Sov de Claudis Pernet—Sunflower Yellow

Sov de Pres Carnot—Rosy Flesh Shaded White

William F. Dreer—Shell Pink with Yellow

Willowmere—Carmine and Rich Salmon Pink

Wm. R. Smith—Blush White Pink

HYBRID PERPETUAL JUNE ROSE

Frau Karl Druschki—Pure Snow White

George Dickson—Velvet Blk Scarlet Crimson Red

HARDY CLIMBING ROSE

Bess Lovett—Light Crimson Red

Climb. Amer Beauty—Medium Pink

Climb. Carline Testout—Satiny Rose Pink

Climb. K. A. Victoria—Lemon White

Dr. W. Van Fleet—Delicate Flesh Pink

Emily Gray—Deep Golden Buff

Gardenia—Creamy Yellow

Mary Lovett—Waxy White

Mary Wallace—Bright Pink

Pauls Scarlet Climber—Scarlet Red

Silver Moon—Silvery White with Bright Yellow

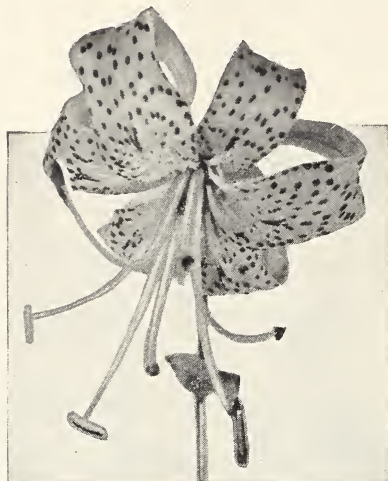
50c EACH

SUMMER BULBS

Auratum (Golden-banded Japan Lily). Undoubtedly one of the finest. Its large, graceful, fragrant flowers are composed of six petals of a delicate ivory-white color, thickly studded with chocolate-crimson spots, and striped through the centre a golden-yellow; 3 to 5 feet. July, September. Extra large-flowering bulbs, 50 cts. each; \$5.00 per doz.; \$35.00 per 100.

LILIUM AURATUM

Golden Banded. Favorite hardy Lily for outside planting.



Tiger Lily

Regale (*Myriophyllum*). This new variety from Western China is admittedly one of the most beautiful Garden Lillies yet introduced. It grows 3 to 5 feet high, and blooms out of doors in July. It is perfectly hardy, and flourishes under very varied conditions, the large trumpet shaped, delicately scented flowers, which are produced freely, are ivory-white, shaded pink, tinged with canary yellow at the base of the petals. Strong flowering bulbs, 50 cts. each; \$5.00 per doz.; \$35.00 per 100.

LILIUM ALBUM

Pure white. Used both for forcing and outside planting.

Speciosum Rubrum or Roseum. A very popular variety. Rosy-white, heavily spotted with rich crimson spots. Extra large flowering bulbs, 50 cts. each; \$5.00 per doz.; \$35.00 per 100.

Speciosum Album. The *Speciosum* or *Lancifolium* are the most important of all the Japanese Lillies, always satisfactory. The variety here offered has large white flowers of great substance, with a greenish band running through the centre of each petal. Extra large flowering bulbs, 65 cts. each; \$6.50 per doz.; \$50.00 per 100.

Tigrinum Splendens (Improved Tiger Lily). Bright orange-red, spotted with black; very showy; 4 to 5 feet; summer. 25 cts. each; \$2.50 per doz.; \$18.00 per 100.

Amaryllis (*Hippeastrum*). The strain we offer is the finest that has ever been produced in this country, strong bulbs throwing vigorous stems with from four to six gigantic blooms of the most perfect form, ranging in color from pure white ground, with varied markings of rose, red and crimson to the richest self colors as scarlet, crimson, bright red, cherry, and almost maroon. We can supply large strong bulbs in choicest mixture only. 75 cts. each; \$7.50 per doz.; \$60.00 per 100.

Caladium Esculentum (Elephant's Ear). Among the most effective plants in cultivation for beds, borders, or for planting out upon the lawn; they are used extensively in many of the public parks where their decorative value is greatly appreciated. To obtain the best results they should be planted where they will obtain plenty of water and an abundance of rich compost. When full size they stand six to ten feet high, and bear immense light green leaves, three to four feet long by two and a half wide.

Tuberoses (Double Pearl.) One of the most delightfully fragrant and beautiful of the summer flowering bulbs. For flowering in the open plant about the middle of May, or as soon as the ground becomes warm. Strong flowering bulbs, 10 cts. each; 75 cts. per doz.; \$5.00 per 100.

SUMMER BULBS

DAHLIAS

QUEEN MARY. A grand decorative that has proven its worth as the best deep pink for all purposes. The size is large, full high center, even up to November, when killed by frost. Color clear silvery cerise pink.

YELLOW COLOSSE. Clear canary yellow of fine form and produced freely on long stems. The plant is a strong, vigorous grower with luxurious lace like foliage.

SYLVIA. Deep pink, tinting to light pink at the center. den yellow suffused orange.

MAUDE ADAMS (show), blush white, tipped mauve pink; continuous and abundant bloomer, excellent for cutting.

JERSEY'S BEAUTY. The sensational dahlia of a decade. A grand color, a beauty for cutting. It is a large, perfectly formed flower, of a clear erosine pink, held upright on a long wiry stem over a well-branched bushy plant.

JOHN BOWMAN. Large decorative yellow; one of the leaders in its class of color; free bloomer and strong grower.

RED CROSS. Decorative. Red and white, variegated. Strong straight stem, and always an attraction wherever shown.

F. A. WALKER. This variety is one of the best lavender decorative dahlias, continuous and abundant bloomer.

JUDGE MAREAN (dec), glowing salmon pink, blended with iridescent orange yellow and gold; large flowers and strong, tall stems.

PRIDE OF CALIFORNIA. One of the largest free blooming red decorative. Large flower on a very strong stem.

MRS. I. DE VER WARNER. This exquisitely beautiful blossom of soft orchid, or rich rosy mauve, is one of the most admired and best of all cut-flower dahlias that we have grown.

JACK ROSE. The best crimson for garden or cutting; that brilliant crimson red that made the "Jack" Rose popular and suggested the name.

GLADIOLUS

PEACE. White with pale violet feathering on lower petals. Very large flowers well placed on a tall graceful spike. Should be planted early.

AMERICA. Color, soft lavender-pink. More flowers are open at one time on the symmetrical spike of this Gladiolus than any other.

BARON J. HULOT. The best deep blue; deep violet-blue with many open flowers on tall spike.

EMPRESS OF INDIA. Deep burnt lake, shading to a Bordeaux red and have a white stripe in center and a white carmine throat.

ALICE TIPLADY. A splendid bright orange saffron, good, large flowers.

HALLEY. Salmon pink with a slight tinge of rose. Creamy blotch on lower petals with bright red stripe through center.

LE MARSHALL FOCH. Very pale pink, self-color except for small old rose stripe on lower petals.

NIAGARA. Primrose-yellow striped and splashed with bright pink. Large flowers on good strong spike. A favorite sort.

PANAMA. Rich rosy pink. Large fine flowers.

MRS. FRANCIS KING. Jasper red, lower petals splashed deeper red, throat lighted.

SCHWABEN. Very vigorous and free flowering. Color clear, canary-yellow shading to sulphury yellow when open.

MARY PICKFORD. An extraordinary flower of the most delicate white with throat of soft sulphur yellow.

WAR. A magnificent, dark variety with tall spikes well filled with large flowers of a rich blood red shaded with crimson black.

CANNAS

Red Shades with Green Foliage
THE PRESIDENT. The finest red Canna, enormous individual flowers.

MRS. ALFRED CONARD. Very fine salmon pink. Well formed truss, 4 feet.

Bronze Leaved Varieties

HUNGARIA. Most popular pink variety, large flowers of deep rose borne on enormous trusses, height 3½ feet.

MONT BLANC IMPROVED. Almost white, large flowers, 3½ feet.

MADAM CROZY. Vermillion scarlet with narrow edge of bright yellow, 3½ feet.

Yellow Shades with Green Foliage

KING HUMBERT. The most popular Canna of all. Orange scarlet flowers with purple foliage, 4 feet.

ORANGE BEDDER. Beautiful bright orange, suffused with scarlet, very attractive.

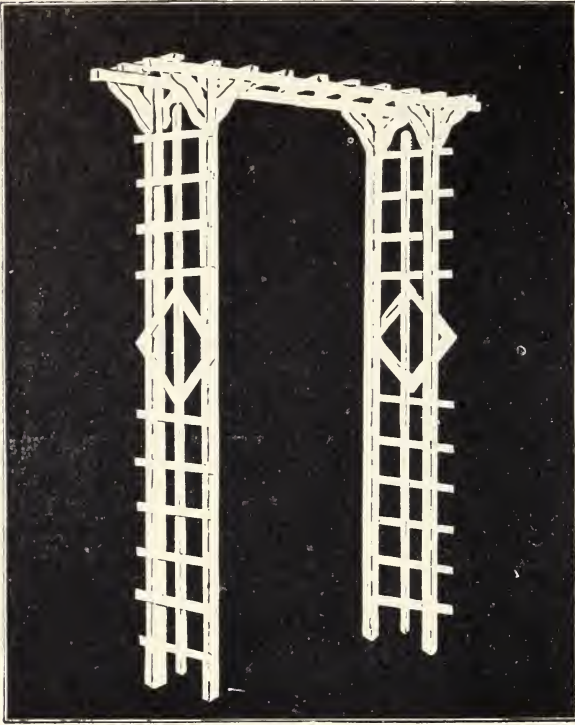
Pink Shades with Green Foliage

WYOMING. Fine orchid flowering variety, large orange colored flowers with purple foliage, height 3 feet.

White and Cream With Green Foliage

BRONZE FOLIAGE YELLOW KING HUMBERT. Another beautiful sport of King Humbert with all of its fine qualities. Light bronze foliage with large orange flowers, height 4 feet.

GARDEN FURNITURE

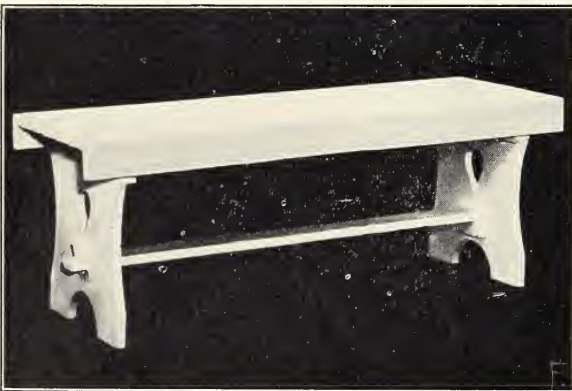


Rose Arch No. 10

Rose Arch No. 10

The Rose Arch, pictured here, will enhance the beauty of the most elaborate garden or lawn. It is suitable for use as an entrance or as a lawn decoration. It is 7' high, 63" across top, 42" wide and 18" deep. It is made from 2"x2" material and rigidly constructed.

Price \$10.00



Lawn Bench No. 27

The Lawn Bench when placed in some shady spot in the lawn affords a delightful resting place. This bench is sturdily built, comfortable and serviceable, and will add much to the beauty of the home. It is 17" high, 18" deep, and 4' long.

Price \$7.50



Fan Trellis No. 1

No. 1 Fan pictured is well proportioned, sturdy and serviceable, it has five ribs, is five feet high, and spreads to 30" across the top. It is adapted for use with the small vine or bush.

Price \$1.48

GARDEN TOOLS

At no time has there been a greater interest manifested in garden making than at present. Every year finds more ladies and young folk taking up this hobby, and it is well, for there is no exercise more beneficial or healthful.

REVERSIBLE STEEL LAWN RAKE.

Heavily tinned steel teeth. The arched teeth for leaves and litter and the opposite side for fine cut grass. \$1.00.

WOODEN RAKES

Our wooden rakes are of a superior grade, selected wood 3 bow, aluminum. \$1.25.

SOLID BOW STEEL RAKES, electric welded bow, pinned through handle—12, 14, 16 tooth. \$1.25 up.

IDEAL STRAIGHT SHANK RAKE. The flanged head gives additional strength and is fine for leveling the dirt. 65c up.

HOES. Blades polished and hardened.

GARDEN MATTOCKS. It is heavier than the garden hoe and is indispensable for digging burdocks, grubbing out roots. \$1.48.

WARREN or HEART SHAPE HOE are unequalled for hoeing, weeding, cultivating, making drills, etc. \$1.35.

IMPORTED ENGLISH SCUFFLE HOE. The blade pushes through the soil easily and cuts front and back. 4," 70c; 5," 75c; 6," 80c; 10," \$1.20.

POTATO FORKS. Indispensable for digging root crops and forking over manure. \$1.19.

SPADE. Fox Standard quality steel, smooth back, fully strapped No. 2 wood handle. \$1.48.

DIBBLES. All iron, hollow, for transplanting celery, cabbage, etc. 69c.

NURSERYMEN'S PLANTING SPADE. Used for transplanting seedling trees, shrubs, etc. Ideal for stony ground. \$1.48.



Six Tine Manure Fork
Strapped, \$1.75



Four Tine Spading
Fork,
Strapped \$1.19
Heavy \$1.75



Dibble 69c



Fox Spades, \$1.50



Hoe 6½"—\$1.15

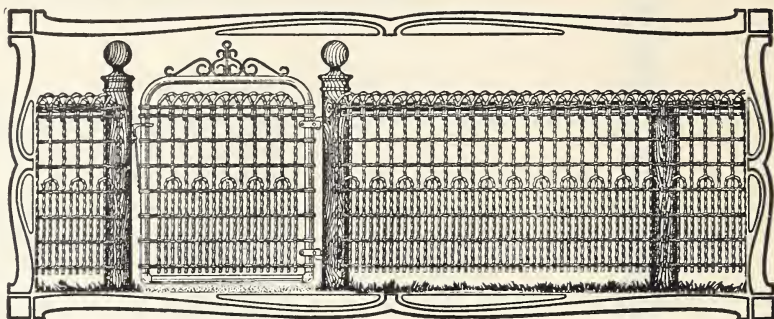


Scuffle Hoe 5"—75c

GARDEN SUPPLIES

Ornamental Gates are made to match any of our styles of fabric.

36x36 Plain	\$3.00
42x36 Plain	3.50
36x36 Fancy	3.75
42x36 Fancy	4.00
42x42 Fancy	5.00
48x36 Fancy	4.50
42 in. x 10 ft.	10.00



FENCING

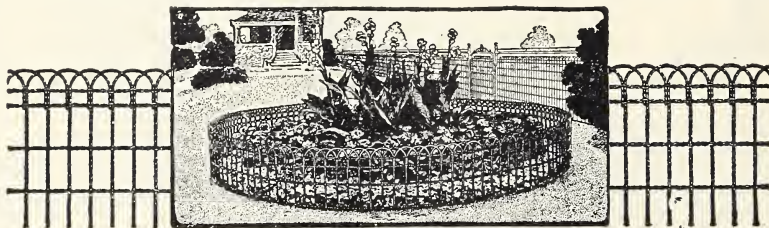
STYLE 100, WITHOUT LOWER WEAVE

36 inches high	12c lineal foot—Roll 9c ft.
42 inches high	14c lineal foot—Roll 11c ft.

Our Ornamental Fences are exclusive in design, and embody many highly meritorious features not to be found in those of any other manufacture.

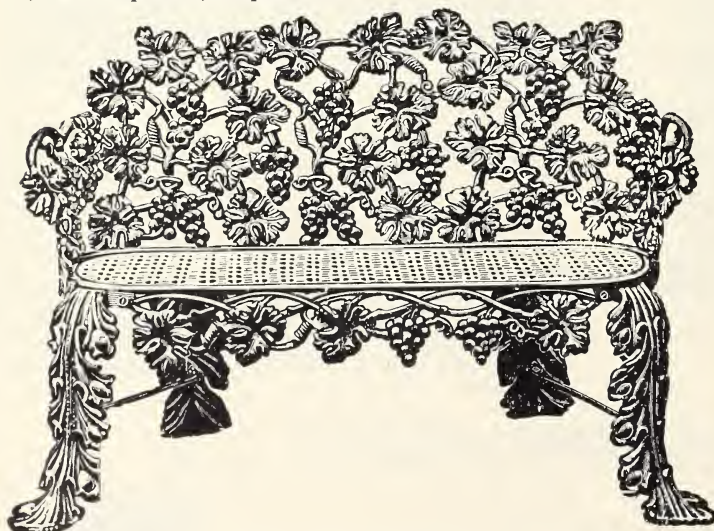
STYLE 600—SAME AS CUT ABOVE

36 inches high	14c lineal foot—Roll 12c ft.
42 inches high	15c lineal foot—Roll 13c ft.
48 inches high	18c lineal foot—Roll 14c ft.



FLOWER BED GUARD

A neat, artistic, and inexpensive fabric for the protection of flower beds. Also much used for lawn and curbway border. Can be readily taken up and used from year to year, cut off to length required, and the ends hooked together when set. 22 inches, 11c per ft.; 16 inches, 10c per ft.; Roll 8c per ft.; 7c per ft.



National Farm Fence

45 inches	\$6.00
32 inches	\$5.50
(10 rods to roll)	

National Poultry Fence

48 inches	\$6.50
58 inches	\$7.98
(10 rods to roll)	

Cemetery Settees, Chairs, Urns, Etc.
(Prices on Request)

GARDEN SUPPLIES

Bamboo Stakes

BAMBOO

These Stakes are very strong and durable
Natural Color

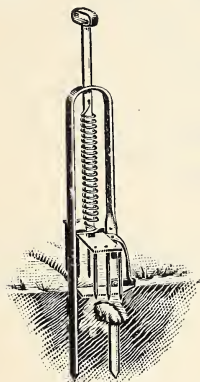
4 feet, per doz., 75c; per 100, \$4.00.

6 feet, per doz., 80c.

8 feet, per doz., \$1.25; per 100, \$8.00.

Green

30 inches, per doz., 25c; per 100, \$1.25; per 1,000, \$7.00.



Mole Trap

Is easy to set and it will catch moles deep in the ground, and there being no pin or other obstruction projecting into the run, there is nothing to frighten or disturb the mole as it passes, and in doing so raises the ground over the "run" just enough to spring the trigger. Price \$1.48.



IMPORTED GRANULATED PEAT MOSS TORF MULL

Assures better lawns and gardens. It will lighten and make more friable clay soil and will help to retain the moisture in sandy soil. Use it wherever a mulch is needed.

Twine

Bunching Twine—

For bunching carrots, beets, radish, etc. Has 50-2 ply ends. On reels of about 50 lbs. (Extremely low price to market gardeners).

Raphia

Has great strength and is not affected by outdoor exposure. Also much used for basket-making. Natural color only.

Wooden Stakes

Stakes—Round Green
Tapering
Heavy

Length	Doz.
4 feet	1.50
5 feet	2.00
6 feet	2.50

Light

Length	Doz.
2 feet	\$0.50
3 feet	.90
4 feet	1.25



Wire-Hanging

Green finish, strong and well-made, just the thing for decorating piazzas of hotels and summer residences.

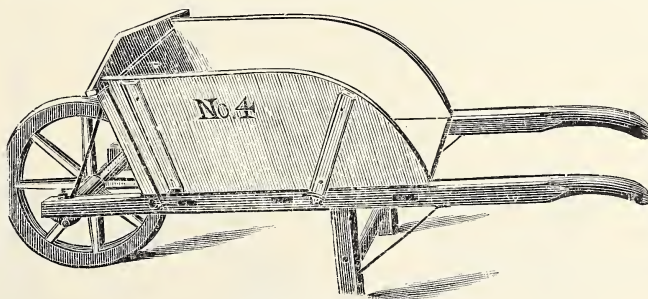
Size	Each	Dozen
8 inch	30c	\$3.00
10 inch	40c	4.00
12 inch	50c	5.00
15 inch	65c	6.50

Labels Pot

Pot Labels

Inch	1000
4	\$ 1.70
5	2.00
6	2.50
8	6.50
10	10.00
12	13.25

Tree, 3½ inch copper wired, painted, per 100, 50c; 500, \$1.50; 1,000, \$2.50.



Wheelbarrow

This barrow is light, strong and durable; is made of selected material, has steel wheel and axle, and is well painted. While its carrying capacity is from 300 to 500 lbs., its weight is less than 50 lbs. Fully warranted to stand rough usage and garden use. Does not sink into soft ground. Price \$5.75.

WaterPots

Regular

4 qt.Capacity	\$.69
6 qt.Capacity	.75
8 qt.Capacity	.85
10 qt. Capac.	.98
12 qt. Capac.	1.25
16 qt. Capac.	1.48

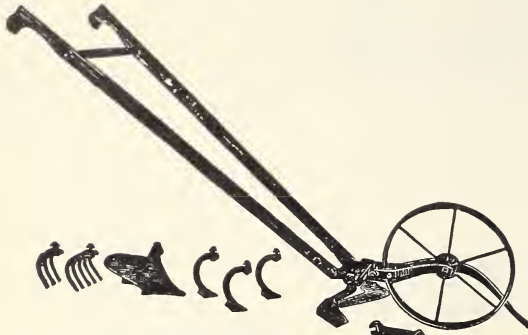
Green Japaned

1 qt.Capacity	\$.40
2 qt.Capacity	.48
4 qt.Capacity	.60
Fancy Lq. Spout (Colored)	1 qt. 1.00

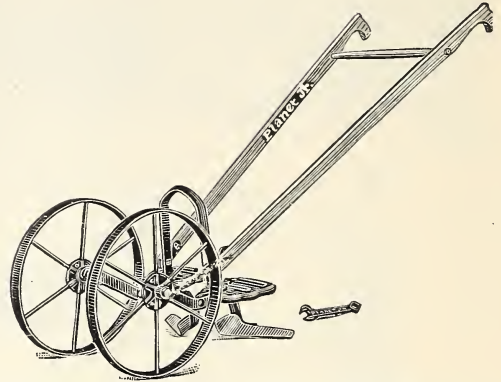
Planet Jr. Garden Tools



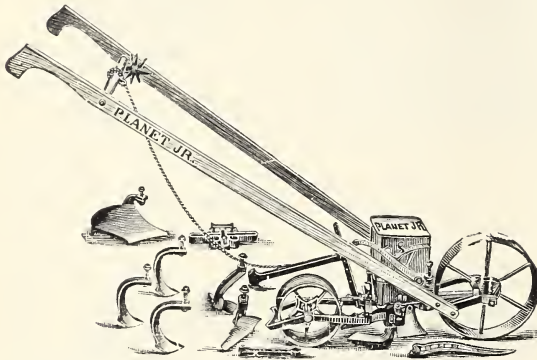
Planet Jr. tools are designed and built to do a greater variety of work and to do it better than any others available for the use of the home gardener, market gardener, trucker, and general farmer.



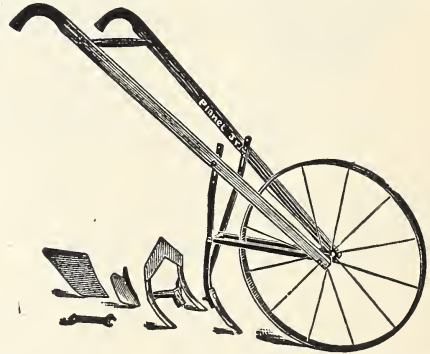
No. 16 Single Wheel Hoe—Here is a very complete, light running cultivating tool suitable for either the home or market gardener\$9.00



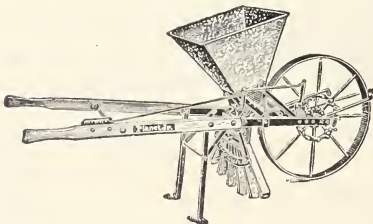
No. 13—A Double and Single Wheel Hoe combined with a pair of 6-inch hoes only. The hoes are sure death to weeds\$8.00



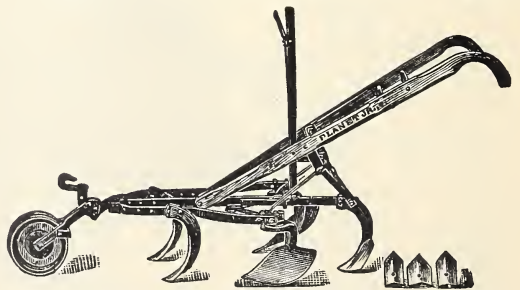
No. 4 Hill and Drill Seeder and Single Wheel Hoe—Here is a wonderful combination for the home gardener or the small market gardener\$18.00



No. 119 Garden Plow and Cultivator—For those who prefer a high wheel garden cultivator\$4.75



No. 220 will distribute fertilizer in the middles of three rows 12 to 14 ins. apart; it will side-dress 1 side each of 2 rows up to 36 ins. apart\$27.00



No. 9 Horse Hoe—The No. 9 is a valuable, practical tool; identical with No. 7 except that it has a plain wheel instead of a lever wheel. Popular because of its strength, lightness, easy change of width and perfection of work\$14.25

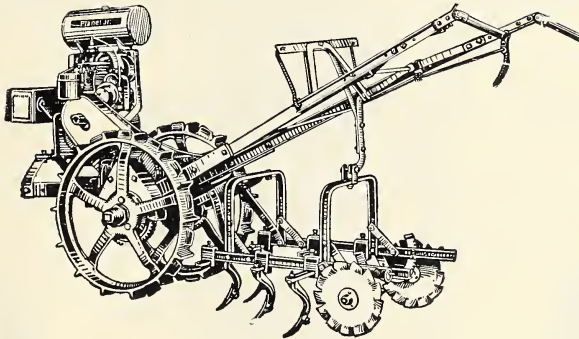
Planet Jr. Garden Tools

THE *New* Planet Jr.

The New Planet Jr. is of exclusive design; an improved model built and guaranteed by Planet Jr. engineers as the nearest approach to an "All Purpose Tractor." It is easily adjustable to various needs—from fine work in narrow rows to the pull of a 6" to 8" plow under average soil conditions. Swift, accurate and efficient to a high degree, it pays for itself in service performed in a short time. We suggest that you stop in and see one of these new models next time you are in the neighborhood.



MOTOR CULTIVATOR



- No. 300 Seeder**—Is a very efficient plate seeder intended primarily for the market gardener and large vegetable grower. It is designed for any soil—heavy, sandy, or muck—and will do excellent work in either. Price \$20.00
- No. 25 Hill and Drill Seeder, Double and Single Wheel Hoe Combined**—Here is "The complete gardener." Price \$21.50
- No. 12 Double and Single Wheel Hoe Combined**—The No. 12 is a great favorite with home gardeners and market gardeners. Used as a Double Wheel Hoe it straddles the row until plants are 20 inches high. Price \$10.75
- No. 11**—Same as No. 12 with a pair of 4½ inch hoes and two pairs of rakes added to the above equipment. Price \$13.75
- Fire Fly Garden Plow**—Very useful for plowing up the home garden or plowing up poultry yards. Price \$4.25
- No. 7 Horse Hoe**—Designed to do a great variety and better work than any other Horse Hoe available for your use. Price \$15.75
- No. 8 Horse Hoe and Cultivator Combined**—Complete with a depth regulator. Price \$16.25
- No. 82 Seven-Tooth Horse Hoe and Cultivator Combined.** Price \$15.75
- No. 90 Twelve-Tooth Harrow, Cultivator and Pulverizer**—A harrow that has proved its time and labor saving value to commercial growers. Price \$17.00
- No. 90B**—Same as the No. 90, less the pulverizer. Price \$13.75
- No. 90D**—Same as the No. 90, less pulverized and steel wheel. Price \$10.75
- No. 101—Plain Cultivator**—The No. 101 is simple, strong and easily handled. Light so that the operator can lift the cultivator and work the side of the ridge, close under the leaves. Price \$11.00

SPECIAL SPRAYS



Copper Solution. For late sprayings, when fruits are nearing maturity, or plants in bloom, copper solutions are usually used. Qt., \$1.25; gal., \$4.50.

Lime-Sulphur Solution. Our solution retains its strength indefinitely and does not crystalize if kept from air and freezing. For fall and spring spraying, use 1 gallon to 8 gallons of water. For summer spraying, 1½ gallons to 50 gallons water. 1 qt., 50c; 1 gal., \$1.00; 5 gal., \$3.75.



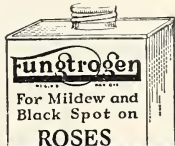
ARSENATE OF LEAD

For Leaf-eating Insects. Sticks to the leaf better than paris green and remains longer in suspension; requires fewer applications; does not burn the leaf, thus allowing stronger solutions. White in color and shows just where it has been applied. These advantages make it preferable to paris green for destroying leaf-eating insects. Use 1 to 2 lbs. to 50 gals. of water (one level tablespoonful to a gallon) for general spraying. 1 lb., 28c; 4 lbs., \$1.00; 10 lbs., \$2.25.



Kills both chewing and sucking varieties — Aphis, Thrip, Leaf Hopper, Leaf Roller, Cut-worms, Rose Chafer, Squash Beetle, Cabbage worm, Tent Caterpillar, etc.

1 oz. bottle, 35c; 6 oz. bottle, \$1.00
16 oz. bottle, \$2.00; qt. can, \$3.50
Gallon can, \$13.00



Destroys mildew and controls black spot, the two most dangerous enemies of the Rose, and at the same time supplies an essential fertilizer that assures luxuriant foliage and vigorous plants with amazing blooms. Its invisible film safeguards.

PRICES

Half pint	\$0.75
Pint	\$1.25
Quart	2.00
Half gallon	3.50
Gallon	6.00



Hammond's Slug Shot—An insecticide for the destruction of Potato and Rose bugs, and all Lice, Worms or caterpillars. Not a poison. 1 lb., 20c; 5 lb. pkg., 60c.

RED ARROW SPRAY

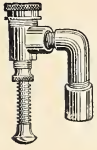
For Chewing and Sucking Insects. A non-poisonous pyrethrum spray that is highly recommended for killing practically all insects on vegetable and flower plants and fruit trees. Especially effective against Mexican bean beetle, Japanese beetle, striped cucumber beetle, cabbage and tomato worms, squash and potato bugs and aster and dahlia beetles. An ounce makes 6 gallons of spray (a teaspoonful to a gallon of water); ½ pint makes 50 gallons. 1 oz., 35c.



BLACK LEAF 40

For Sucking Insects and Poultry Lice. Kills plant lice on roses, shrubbery, fruits and vegetables. A concentrated solution of nicotine sulphate, guaranteed to contain not less than 40 per cent. of nicotine. A solution in the proportion of a teaspoonful to a gallon of water, to which add three-fourths ounce of soap (4 lbs. to each 100 gallons of solution), will kill the garden pea louse and not injure the vine. Mix with 800 times its bulk of water.
1 oz. bottle 35 cts.; ½ lb. \$1.25; 2 lbs. \$3.25; 10-lb. pkg. \$11.85.

SPRAYERS



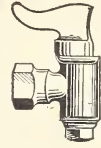
**VERMOREL
NOZZLE**

Two caps for fine or coarse spray. Impossible to clog, as obstructions are forced out with spring needle. For spraying trees, shrubbery, etc. **Price, \$1.25.** Transportation paid.



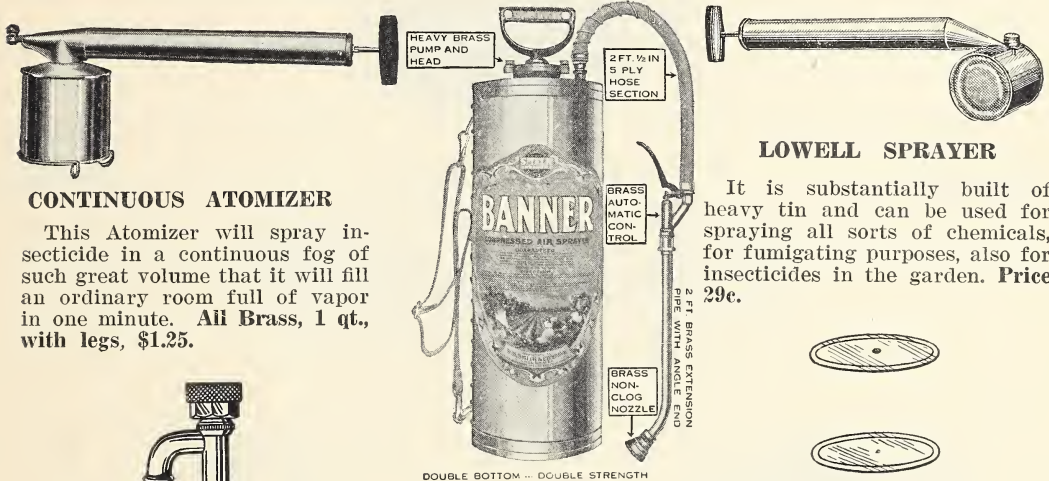
Use With Any Pail or Bucket

AUTO-SPRAY NO. 5 is generally acknowledged to be the most powerful pump of this type manufactured, generates a pressure of 200 lbs. with remarkable ease. Throws continuous. Specifications. Solid brass throughout. **Price \$4.25.**



**BORDEAUX
NOZZLE**

Throws long distance spray, a solid stream or a fine mist, and may be shut off altogether. For general spraying and for whitewashing. Impossible to clog. **Price \$1.00.** Transportation paid.



CONTINUOUS ATOMIZER

This Atomizer will spray insecticide in a continuous fog of such great volume that it will fill an ordinary room full of vapor in one minute. All Brass, 1 qt., with legs, **\$1.25.**

LOWELL SPRAYER

It is substantially built of heavy tin and can be used for spraying all sorts of chemicals, for fumigating purposes, also for insecticides in the garden. **Price 29c.**



AUTO-POP

This patented device is a most convenient, automatic shut-off attachment. Light pressure on lever turns spray on; releasing pressure shuts it off. Unlike stop-cock, can be operated by one hand. Saves solution and reduces labor.

SPRAYER

Complete as shown. Tank in galvanized steel or solid brass. Large brass 2 inch pump cylinder. The best Compressed air sprayer made.
Galvanized **\$6.00**
Brass **8.98**



**AUTO-SPRAY
NOZZLE**

This is our patented standard nozzle for use with the Auto-Spray. It is light weight, will throw a very fine spray under low pressure, and is a real clog proof nozzle.

BAMBOO EXTENTION ROD

Fitted with non-corrosive tube $\frac{1}{4}$ -in. diameter inside, with brass stop cock and drip guard. **Price, 8 feet long, \$4.00; 10 feet long, \$4.50.**

SPRAYERS



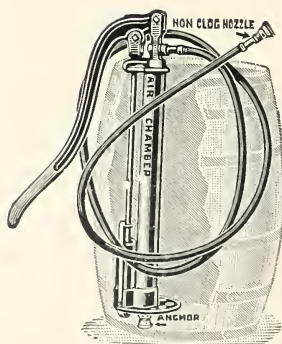
VERMOREL

ECLAIR No. 1 KNAPSACK

SPRAYER

The Eclair No. 1 Sprayer—Has no plunger nor complicated mechanism. Its simple diaphragm pump eliminates the usual pump troubles. Pressure can easily be maintained at forty pounds. Furnished in either brass or copper.

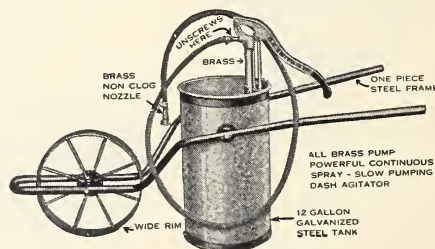
Price \$20



SMITH NO. 25 BARREL PUMP

Nozzles, cylinder, ball valves and valve seats entirely of brass. Double acting barrel of heavy brass. Pump not affected by strong mixtures. Pump quickly attached to any barrel.

Price \$12.00 each

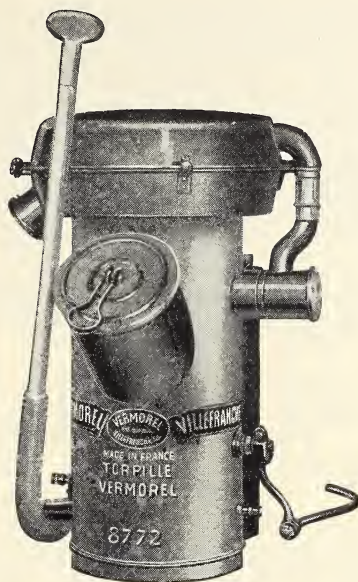


SMITH NO. 50 WHEELBARROW SPRAYER

12 gallon heavy galvanized tank, all brass pump, agitator, 8 ft. heavy hose, brass nozzle for two different sprays. Steel frame made in one piece, strong and rigid. A high grade well built Wheelbarrow Sprayer for small orchards and general spraying. Easily wheeled about.

Price \$14.00

DUSTERS



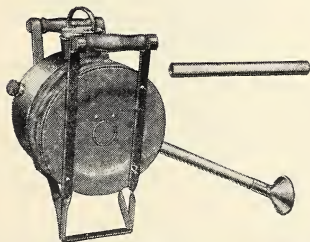
VERMOREL

"DOUBLE ACTION"

DUSTER

Vermorel Dusters are simple and compact— economical and efficient. For applying sulphur, arsenate of lead, calcium arsenate, Bordeaux Mixt., nicotine dust, etc., either of these models will give excellent results.

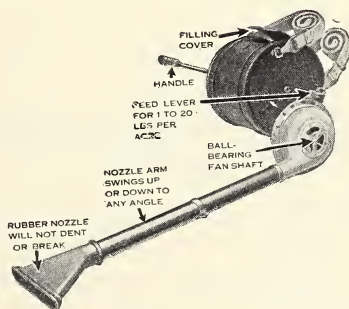
Price \$20



THE PLATZ DUSTER

Compact, sturdy, efficient, with capacity of 2 to 4 pounds. It is equipped with powerful bellows and a 30-inch extension pipe with sprayer. The wearing parts can be easily duplicated. It is excellent for dusting hills and has an attachment so that the powder reaches the under side of the foliage.

Price \$6.00



SMITH SAVAGE DUSTER

Fan and fan housing made of aluminum; fan works on ball bearings. Gears are machine cut bronze and encased in grease. Nozzle arm on swivel so can dust in front or rear of operator or upwards with smaller trees, etc. Feed lever to regulate adjustment from 1 to 20 lbs. poison.

Price \$17.98



THE ANSWER TO THE RAIN QUESTION

MARCH

SUPER SYSTEM IRRIGATION

1. **FROST PROTECTION** to temperature of 26 degrees.

2. **Reproduction of natural rainfall** within 15 per cent. variation. Guaranteeing uniform even water distribution over field with maximum yield and quality possible to attain. (Closest competitor over 150 per cent.)

3. **Dependable TURN-MOTORS.** There are over 50 to 1 more March Turn-Motors in use than all competitors combined.

4. **Complete SOLID BRASS EQUIPMENT.** Everything but the pipes and posts themselves made of this life-time lasting material and furnished only by us. Irrigation is not brought every day and 15 to 20 years more service is desirable as well as lowest in cost and maintenance.

5. **LARGER SIZE PIPES IN LINES.** (Smallest size 1 inch.) Better volume and water distribution along full length of line.

6. **PATENTED LONG THROW NOZZLES INDIVIDUALLY SCREENED.** (Five to 10 foot longer throw with some pressure.) Screens practically eliminate plugging up troubles.

7. **GRADUATED SIZE DISCHARGE NOZZLES.** A special feature found only in MARCH SYSTEM. Worked out after three years' study and experimentation. Guaranteeing even water distribution.

8. **AUTOMATIC FLUSH VALVE.** (Patent applied for.) All lines drained and cleaned automatically with no attention. Eliminates clogging of pipes and nozzles. Prolongs life of system if water has lime or other chemical content.

9. **NON-CLOGGING, SELF-PACKING TURNING UNIONS** of solid brass, non-corrosive and rust-resisting. A big feature and appreciated by every practical grower.

10. **SIMPLICITY OF INSTALLATION.** Very important to every buyer. With complete and understandable instructions and specifications the ordinary man does not need the services of a plumber. Work is done in half the ordinary time. We will also contract your job—get our estimates.

REMEMBER—Your only idea in buying irrigation is from the profit to be made from its use. If you buy on a business basis you will buy MARCH'S.

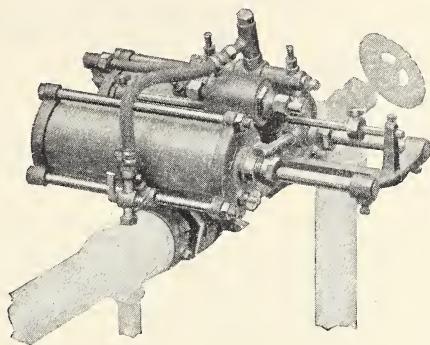
GET

ESTIMATE

OUR

CALL SHER. 1388

IRRIGATION



MARCH TWIN TURN MOTOR

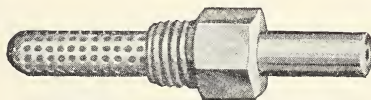
Turn lines 300 feet long on 25 pounds pressure. Will turn lines up to 660 feet long. Guaranteed on 50 pounds pressure. Lines turn 2 to 3 times per minute depending on pressure. It is especially timed for frost protection and is recognized throughout the country as the only successful FROST PROTECTION MOTOR.



WOODEN POST HANGER

MARCH'S HANGERS have several exclusive improvements. The main object of a hanger is to enable a pipe line to roll with least amount of friction and wear and to reduce wear on automatic Turn-Motor and to save water pressure. These hangers have 2 point roller bearing. "Pin" extra large. Never is there a possibility of rusting. Are complete brass throughout. Outlasts other hangers 30 years. Lasts a lifetime. Can be used with any make irrigation line.

Price 42 cents each



SCREENED FIELD NOZZLE

Since overhead irrigation was first used in field or greenhouse, users were seriously troubled with clogged nozzles—keeping them clean and functioning so that every bit of ground would get its moisture and give a maximum yield. It was a serious and expensive annoyance.

March's Nozzles have the added advantages of throwing 5 to 10 feet farther, thereby spacing pipe line farther apart. Also an annealed flexible tip which can be bent to bring nozzles streams in line.

Field Nozzles, unscreened.....\$6.00 per 100
Field Nozzles, all screened.....10.00 per 100

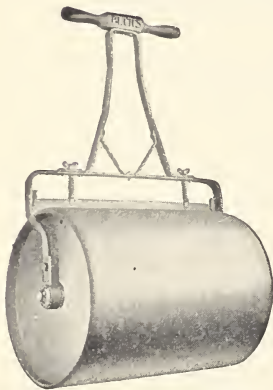
LAWN SUPPLIES



Thriving Beautiful Lawns are obtained with the RAIN-MAKER

The natural rainlike fall of water develops deeper root growth without disturbing soil—Dissolves soluble matter in fertilizer—No burning.

BEAUTIFUL FLOWERS — SHRUBS and GARDENS are the result of watering the MARCH way. Your Florist uses the Overhead System to produce prize winning blooms. You, too, may enjoy the best with less labor.



LAWN ROLLERS Water Filled

Length and Weight precisely as listed.

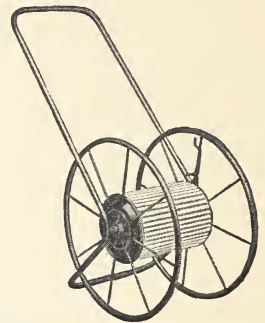
Rollers are smooth on face and aluminum finished, outer edges rounded to avoid cutting up the lawn.

Plain Bearing

No. 2	Water Filled	175	\$12.50
No. 4	Water Filled	265	14.50

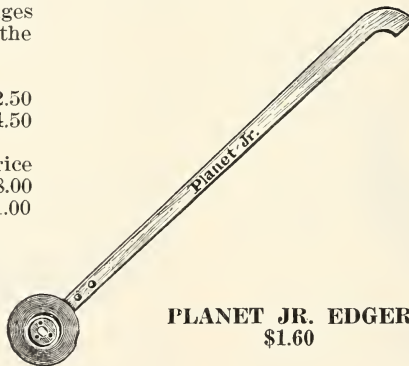
Roller Bearing

	In.	In.	Sec.	Lbs.	Price
No. 5	18	24	1	265	\$18.00
No. 7	24	24	1	420	21.00



ALL IRON HOSE REEL

The All Iron Hose Reels are indestructible; light in weight; frictionless and are easily manipulated. These reels cannot tip over when unreeling, and there is no weight of hose to carry on the handle. Price \$2.25 up.



PLANET JR. EDGER \$1.60

GRASS CATCHER

Heavy galvanized metal bottom. Heavy canvas on wire frame. Complete with galvanized hooks for fastening to mower. Made in two sizes to fit 12 to 16" and 16 to 20" mower. \$1.39 up.

Neatness is the great secret of attractiveness in grounds surrounding a house, and to have this neatness the grass bordering walks must be frequently edged or trimmed. With a No. 2 Planet Jr. Edger you can edge either straight or curved walks of cement, stone or brick, rapidly and easily. Everyone who uses a lawn mower has work for one of these edgers. Works best if used after a good rain or watering.

It is always ready for use, and should be the constant companion of the lawn mower.

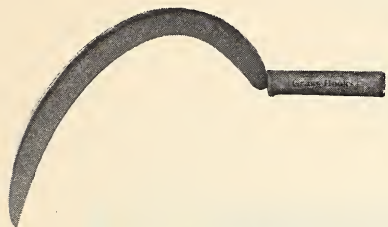
GARDEN HOSE

PALISADE

The rubber lining or tube is made seamless and ample strength is given the hose by a braided cotton jacket directly applied by a special machine. The hose is protected against external wear by a tough, resilient rubber cover. 3/4"-15c foot.

CUTTING TOOLS

TELEPHONE TREE PRUNERS



ENGLISH SICKEL

Imported English heavy riveted back thin cutting blade made from best grade steel. Price 75c.



GREYHOUND BRAND, ENGLISH RIVETED BACK SCYTHES

Light and thin broad blades, strengthened by a riveted back. Price \$2.75.



BORDER

For trimming the overhanging grass around the edges of walks, etc. Price \$1.98 up.

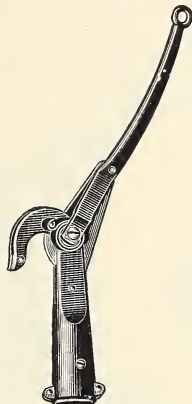


PRUNING SHEARS

A spring tension washer is provided to hold the shear in permanent adjustment, and a patented spring latch that opens the shear by mere pressure of the hand, holds it shut when not in use. Exceedingly useful for trimming the edges and borders of lawns, flower beds, etc. Price 59c up.

SPEED ELECTRIC HEDGE TRIMMER

It operates so rapidly and accurately that no branches are ripped or torn. An expert can do little better than you. Blade is easily sharpened. Ready for operation when connected to an ordinary electric light socket. Price \$45.00.

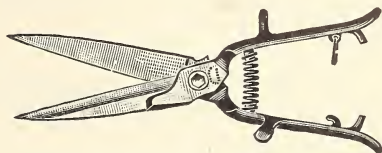


No. 1 attaches to pole of any length, operates with a cord; a spring throws knife back in position.

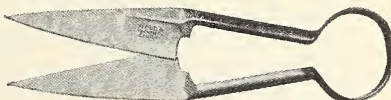


LITTLE WONDER HEDGE TRIMMER

Will trim your hedge five to ten times faster than hand shears. Attachments come with each machine to adapt it to flat, round or pivot tops as well as side cutting; 40-inch. Each, \$27.50.



Full polished, best quality crucible steel blades, tempered, ground convex; adjusting nut and regulating ratchet; longitudinal double brass spring; removable handle-clip. Price 59c.

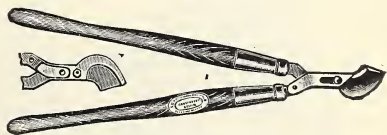


EXTRA FINE POLISH TROWEL SHANK

Solid steel of finest quality and tempered; 7-in. blades. The raised trowel-like handles keep the knuckles off the ground and allow smoother cutting. Price \$1.48.

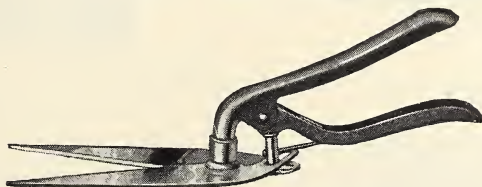


These shears can be used both for trimming hedges, and for cutting grass under fences, bushes, etc. The Notch at the heel of the blade is used for cutting twigs and small branches. Price \$1.10 up.



DRAW CUT

The Lopping Shear is made with two drop forgings of high grade tool steel, carefully hardened and ground and fitted with 26-in. white ash handles, making a tool which is unsurpassed for cutting underbrush and limbs. Price \$3.00.



GOODWIN GRASS SHEARS

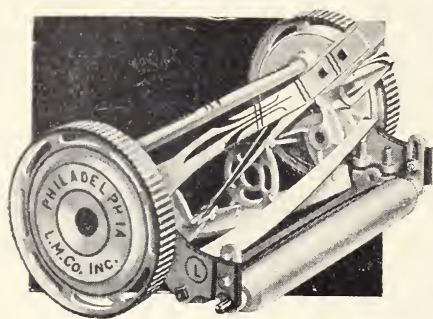
are made to cut grass. They're built to get around close corners easily with the buckles well up out of the way, and are easy on the wrist. The grip is natural. Ball bearing action, blades sharpened enduringly from point to hilt. Price \$1.50.

GRASWIP

Cut your grass and weeds the new way without stooping. It's like the swing of a golf stick; cuts with both forward and backward swing. Price \$1.00.

LAWN MOWERS

PHILADELPHIA LINE

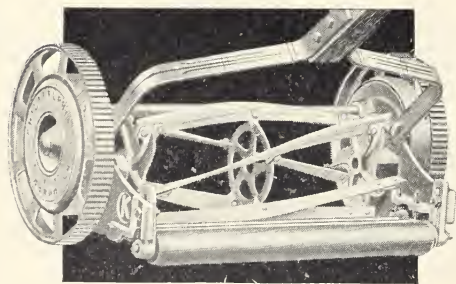


STYLE L

The style L Mower is designed for the home which demands a well built mower for use on small and medium size lawns.

It has medium-size wheels, four crucible steel blades in the revolving cutter, and is made on the same tools and by the same workmen who produce the higher grade mowers.

14 inch	\$8.98
16 inch	\$9.48

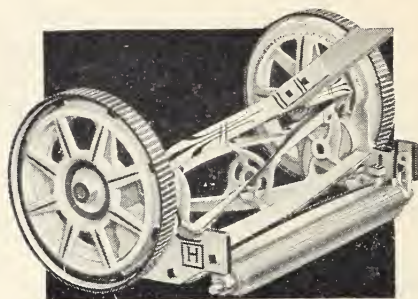


STYLE K

Style K is equipped with Arguto Oilless Bearings.

These mowers are particularly adapted for use on household lawns where a high-grade mower is desired for general use. The materials and workmanship are fully guaranteed. It is a fiveblade mower.

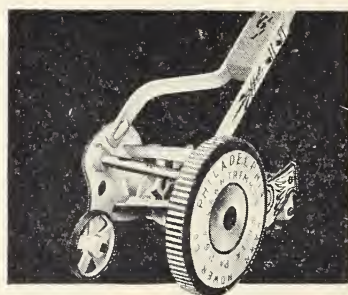
14 inch	\$19.50
16 inch	\$21.50
18 inch	\$23.50
20 inch	\$25.50



STYLE B B

Moderately priced ball bearing mower built on the internal gear drive principle, and equipped with sliding pawl ratchets in both wheels. The wheels are 9" in diameter and are made of pressed steel, and the side plates are also made of pressed steel, which, of course, reduces breakage to a minimum, as it is usually the wheel or a side plate which becomes broken in use, and pressed steel will not break.

16 inch	\$12.48
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TRIMMER

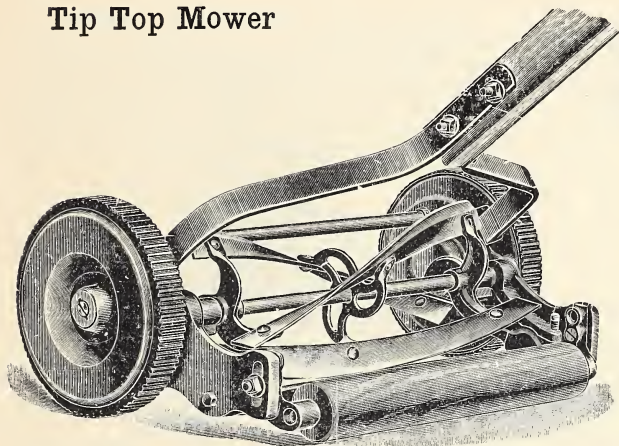
The Philadelphia Lawn Trimmer is the most efficient ever built. It is really a "half-portion" of one of our higher grade mowers designed to mow close to trees, fences and around flower beds and edges—in tight places where a standard-size mower cannot be used.

6 inch	\$11.75
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LAWN MOWERS

WORCESTER LINE

Tip Top Mower



Our Leader

Best Mower for the Price

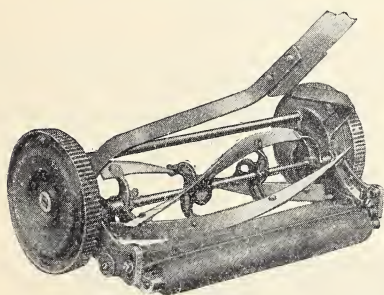
12-inch \$5.98

14-inch 6.48

16-inch 6.98

18-inch 7.48

NEW ENGLAND MOWER



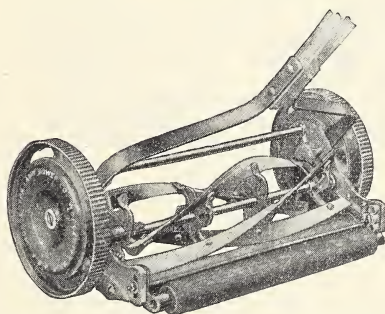
12-inch \$7.48

14-inch 7.98

16-inch 8.48

18-inch 8.98

WIZARD MOWER



12-inch \$ 8.98

14-inch 9.48

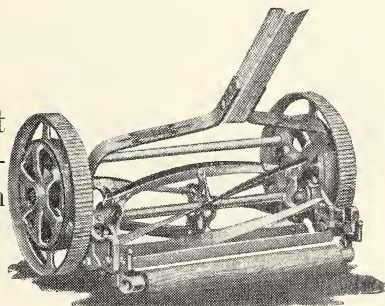
16-inch 9.98

18-inch 10.48

PENNSYLVANIA LINE

THE WILLIAM PENN is one of the finest ball bearing mowers built. It has a 16-inch cutting blade and is equipped with 10 in. open drive wheels, making it as light as possible.

Price, \$16.50

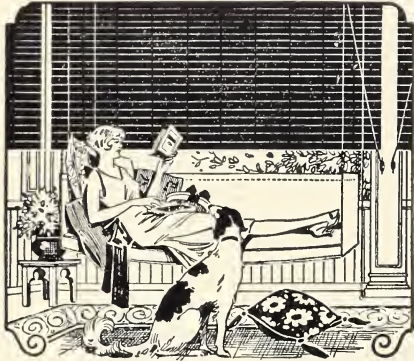


FOR THE PORCH AND LAWN



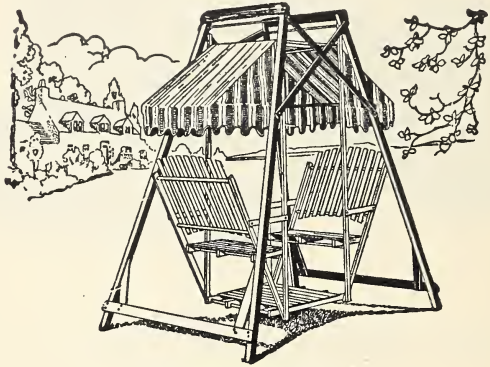
CROQUET SETS

From the finest hand turned, French Polish finished sets of unusual attractiveness and beauty produced for the most discriminating buyer, to the lowest priced sets that are good—all, represent the greatest values that our unusual facilities, long experience has made it possible for us to sell.



PORCH SHADE

For cool, comfortable and secluded enjoyment. All kinds, either in the bamboo, natural color, or the bass wood, oil stained, weather-proof, green color or the imported—the small round linden wood. All sizes in stock.



LAWN SWING

4 passenger model; selected hardwood stock; bolted construction throughout; frictionless, noiseless, long-wearing metal hangers, brackets and hooks (metal-to-metal); seats are adjustable. Frame in Red Enamel, Seats and floor in Natural Varnish. \$11.98—Awning \$7.50.

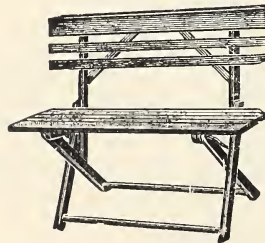


This box made with a patented self irrigating and air circulating system of coppered steel with a lead coat which will neither rust nor deteriorate. 98c up.



PALMER'S HAMMOCKS

Close canvas weave, with tastefully colored stripes.



LAWN SETTEE

All hardwood, Natural Varnish finish; Shaped Seat, 5 slats; back, 5 slats; Drive screw construction. The "Outstanding Value of the Season."

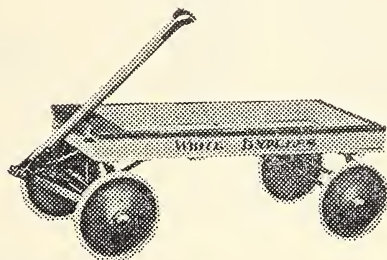
TOYS



TUBULAR VELOCIPEDES

Full ball bearing, full nickeled, adjustable handle bars; padded top, double coil spring seat; 1-inch rubber tires; finish-baked blue enamel and striped in gold.

Price \$8.48



EXPRESS WAGONS

Large size Ball Bearing 10½ inch red Steel Disc Wheel with 1 inch rubber tires. Cold Steel Drawn Axles.

Price \$4.48



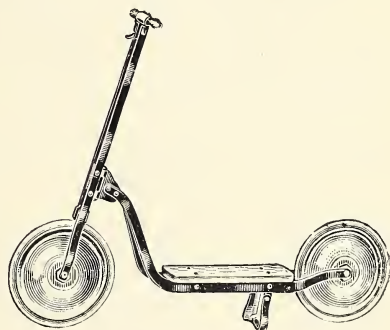
DOLLS

Bring happiness to your little girl by giving her a beautiful Doll. Come in and pick one out.

Price \$2.39 Up

Our organization is one of the first to take young Paterson's problem of recreation and exercise very seriously.

Very sincerely we study the needs of growing boys and girls—then design to meet these needs. Beauty of line and color—sturdy construction—safety features are all incorporated in our play toys that develop little bodies and provide utmost enjoyment.



SCOOTERS

Steel disc wheels, green stripe, rubber tires, steel frame, rubber platform, full size, very durable.

Price \$2.98

FOR HEALTHFUL EXERCISE

Nothing you can give your child will pay greater dividends in Health, Happiness and Contentment than a Pioneer Dump Truck.

Spratt's Foods for Dogs and Cage Birds

SPRATT'S MEAT FIBRINE DOG CAKES



For sixty years the standard dog food, used by the leading breeders and fed at the principal dog shows throughout the world. The best results are obtained by giving the biscuits dry, not soaked, thereby compelling the dog to gnaw the food and thus producing a copious flow of saliva which materially aids digestion.

SPRATT'S PUPPY CAKES



A complete and perfect food for puppies from weaning time onwards, and for small breeds as the regular food instead of Spratt's larger Dog Cakes.

SPRATT'S FIBO



A unique granulated food, containing a large percentage of Spratt's world-famous Meat Fibrine. It is very appetizing and highly recommended for shy and dainty feeders, as a change of diet or as a suitable food for any dog at any time. Can be given either dry or soaked.

SPRATT'S EGG AND FRUIT CANARY MIXTURE



Totally unlike any other mixture prepared for regular canary-feeding, Spratt's Egg, Fruit and Canary Seed Mixture offers the bird a delightful and wholesome change.

The quality of the European Canary Seed, sweet summer rape and other seeds forming the blend, is unsurpassed and the addition of egg-flake and fruit makes it perfect. Its regular use (alternated occasionally with Spratt's Cod Liver Oil Cage Bird Food) must result in improved beauty, health and song.

SPRATT'S MOULTING FOOD



It is not only a valuable tonic mixture but a flesh and bone-making food, keeping birds in good health during the moulting period. As a feather producer, it is unrivalled.

SPRATT'S COD LIVER OIL CAGE BIRD FOOD



For feeding young birds and old birds in the moulting season. A tonic and flesh and bone maker. Unequalled as an aid to feather growth.

SPRATT'S MIXED BIRD SEED



A well balanced mixture containing the best seeds obtainable.

SPRATT'S SONG RESTORER

An invigorating tonic and treat for Canaries, Linnets, Gold-finches and Seed-eating birds.



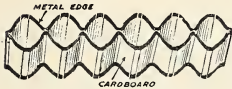
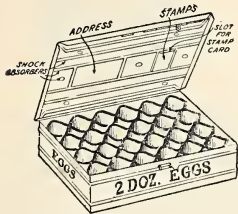
SPRATT'S "SING-SONG"

An appetizing food and pick-me-up for all songsters.



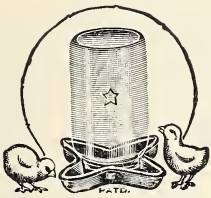
For Every Age and Every Breed the Finest Foods You Can Feed

POULTRY SUPPLIES



EGG BOXES

Just the thing for your family egg trade; they are easily shipped back and forth and insure minimum breakage.



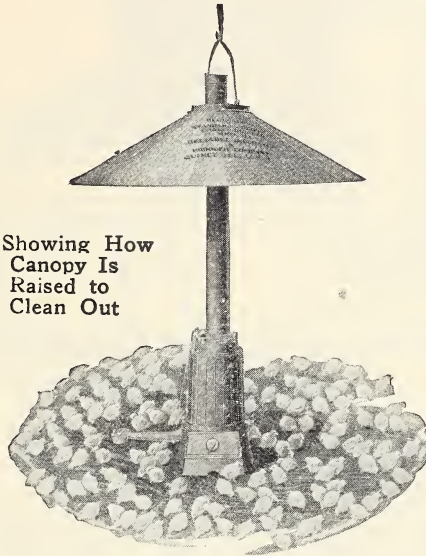
STAR FOUNTAIN

The most simple, practicable and durable Mason Jar Found on the market.

It is needless to enlarge on our complete line of poultry supplies consisting of:

Charcoal
Ground Bone
Tobacco Powder
Health Grit
Oyster Shells
Crystal Grit
Water Glass
Oil Brooders
Caponizing Set
Sexton Feeders
Bone Mills
Grist Mills
Disinfectant
Dry Feeders
Poultry Feeds
Celo Glass
Etc.

Showing How
Canopy Is
Raised to
Clean Out



COAL BROODERS

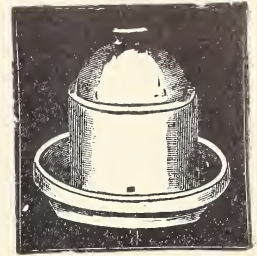
It Has All the Latest Improvements
It Is Guaranteed to Give Satisfaction

No. 9 Capacity 500 Chicks	\$14.75
No. 10 Capacity 1000 Chicks	18.50
No. 12 Capacity 1200 Chicks	22.50

REMEDIES

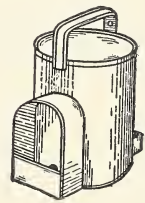
Install a medicine cabinet of remedies in your poultry house as insurance against disease, trouble loss and disappointment. We sell Conkey's and Pratt's because they are very reliable.

Pratt's
Conkey's



STONE FOUNTAIN

2 Piece, each 1 quart, 35c; 2 quart, 40c; 1 gallon, 60c; 2 gallons, 90c.



WALL FOUNTAIN

1 quart	40c
2 quart	75c
4 quart	90c
8 quart	1.10

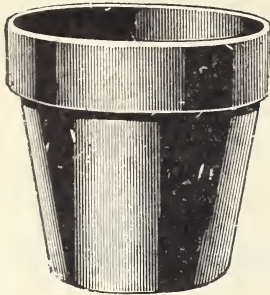


LITTER

Control trouble with cold, wet floors and consequent disease and deodorize the droppings.



NAPONSET POT



FLOWER POT



NEW YORK STYLE

FLOWER POTS AND FIBREWARE
Standard Earthenware Flower Pots

Full inside measurement. Six at dozen rates; 50 at 100 rates; 500 at 1000 rates.

Sizes	Each	Doz.	100	1000	Sizes	Each	Doz.	100	1000	Sizes	Each	Doz.	100	1000
2 in.	\$0.03	\$0.30	\$2.25	\$13.00	3½ in.	\$0.07	\$0.50	\$3.00	\$21.60	8 in.	____	\$0.30	\$3.00	\$20.00
2½ in.	.05	.35	2.50	16.00	4 in.	.07	.60	4.00	30.00	9 in.	____	.40	4.00	30.00
3 in.	.07	.50	3.00	20.00	5 in.	.08	.75	5.40	48.60	10 in.	____	.60	6.50	42.00
					6 in.	.15	1.50	10.00	72.90	12 in.	____	1.10	11.00	82.50
					7 in.	.20	2.00	13.50	_____	14 in.	____	2.00	20.00	135.00

Earthenware Flower Pot Saucers

Sizes	Each	Doz.	100
4 in.	____	\$0.04	\$0.30
5 in.	____	.04	.40
6 in.	____	.08	.75
7 in.	____	.10	.90
8 in.	____	.15	1.50
9 in.	____	.18	1.50
10 in.	____	.20	1.75
11 in.	____	.25	2.25
12 in.	____	.30	2.75
14 in.	____	.50	5.00

Earthenware Round Bulb Pans

Width	Height	Each	Doz.	100
5 in.	3 in.	____	\$0.12	\$1.00
6 in.	3½ in.	____	.15	1.25
7 in.	4 in.	____	.20	2.00
8 in.	4½ in.	____	.30	3.00
9 in.	5 in.	____	.50	4.00
10 in.	6 in.	____	.60	6.00

Plant-Tubs

New York Cedar. Made of the choicest seasoned cedar, highly finished with black hoops; will last twice as long as cypress.

No.	Diam.	Ht.	Price	No.	Diam.	Ht.	Price
1	12 in.	10½ in.	2.98	3½	16½ in.	15¼ in.	5.48
2	13 in.	13 in.	3.75	4	19½ in.	17 in.	5.98
3	14½ in.	15 in.	4.25	5	22½ in.	18½ in.	7.98

Neponset Waterproof
Paper Flower Pots

Made of a tough, waterproof paper that retains moisture very satisfactorily. Testing under actual growing conditions has proven that this container may be used successfully when seedling plants are grown therein 6 to 8 weeks.

	Doz.	Per 100	Per 1000
2¼ in. pots	____	\$0.12	\$0.60
2½ in. pots	____	.15	.65
3 in. pots	____	.18	.80
3½ in. pots	____	.20	1.10
4 in. pots	____	.25	1.50
5 in. pots	____	.35	2.25
6 in. pots	____	.45	2.70

Send for Circular and Sample

Tree Tubs



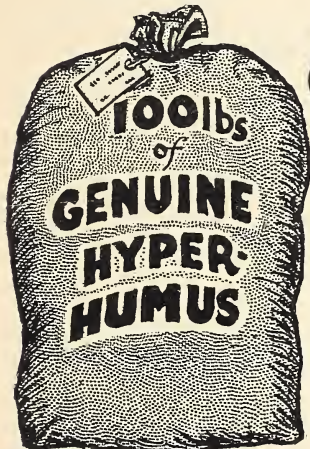
RICHMOND
STYLE

Made of seasoned, selected Virginia White Cedar; bound with electric-welded wire hoops (galvanized), three hoops to each, except the smallest two tubs which have two.

No.	inches Top Diam.	inches Depth	Each Price
	Inside	Inside	
2	7	7	\$0.70
3	8	8	.75
4	9	9	.80
5	10	10	.90
6	11	10	1.15
7	12	11	1.35
8	13	12	1.50
9	14	13	2.00
10	15	14	2.50

**100^{lb} BAG
DELIVERED**

for
\$1.50



THAT
Will
Improve your SOIL and
Make Things GROW

Hyper-Humus

The Cultivated and Prepared

SOIL ORGANIC

A Super Quality of Natural Humus

Hyper-Humus is the aristocrat of all the so-called Humus products because never supplied "RAW" but is scientifically produced by cover cropping, cultivating and gathering the top six inches only. It is

Superior to Leaf Mold

Mix Hyper-Humus with your soil and see a big change in your vegetable and flower gardens and lawns. Cultural Directions Free.

Prices in Paterson, N. J.

Delivered free to any address in Paterson and suburban towns.

\$1.50 per 100 lb. bag

\$25.00 per ton in bags

Ton rate allowed on 500 lbs. or more.

WILSON S. BROWER COMPANY

89 Van Houten Street
Paterson, N. J.



**Delivered
FREE
To Your
Door**

FERTILIZERS



SHEEP'S HEAD PULVERIZED SHEEP MANURE FEEDS THE WHOLE PLANT

No plant food has ever been found to take the place of natural manure as a complete fertilizing agent. Phosphate fertilizers develop the leaves. Potash fertilizers develop the roots. Another vital element to verile growth is necessary, ORGANIC MATTER! Sheep's Head Pulverized Sheep Manure contains organic matter—phosphoric acid, potash, nitrogen, and all the other ingredients essential to balanced, vigorous plant development.

Its use cannot be harmful to the plant life at the hands of the ordinary individual because its ciments are in the natural fertilizing form.

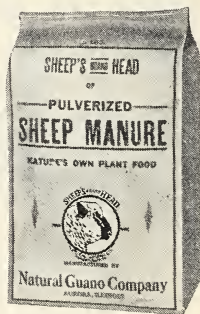
Lawns, Flower Beds, Flower Boxes, Vegetable Gardens, Grape Vines, Berry Bushes, Fruit Trees, Shrubs, Rose Bushes, Nursery Stock, Shade Trees, Field Crops, Cemeteries, Golf Courses, Parks

**Grow Quickly Beautiful, Luxuriant, Sturdy—
When Their Soil Is Dressed With**

Sheep's Head Pulverized Sheep Manure

In Neat Packages

2-pound	\$0.25	25-pound	\$1.25
5-pound .....	.40	50-pound	2.00
10-pound .....	.75	100-pound	3.00



BLOOMAID

Use it in the vegetable garden, around shrubs and to enrich the soil in window boxes and flower pots.

Fifteen times as rich as manure; does not bring in weed seed or the spores of plant diseases.



Bloomaide Prices

Tablet Form (125 Tablets) \$	.25
Liquid Form (8-oz. Bottle) ..	.50
Pulverized Form:	
1-lb. Can .....	.25
5-lb. Containr ..	.50
25-lb. Bag ..	1.75
100-lb. Bag ..	5.00

FAIRWAY

This is the treatment now used on the lawns of country estates, polo fields and on the most famous golf courses.

Fifteen times as rich as manure; costs not more than 10 cents for each 100 square feet to be treated. Practically no odor.

Prices

100-lb. Bag (enough for 5,000 sq. ft.)	\$5.00
50-lb. Bag (enough for 2,500 sq. ft.)	3.00
25-lb. Bag (enough for 1,250 sq. ft.)	1.75
10-lb. Bag (enough for 25 sq. ft.)	1.00

Convenient, easy to handle. Complete directions for lawn treatment on every bag.



A. A. QUALITY FERTILIZERS

HIGH GRADE FERTILIZERS

"Agrico" Fertilizer

"AGRICO" Fertilizers contain all the elements of plant food which have long been regarded as essential to the fertilization of growing crops, as well as other elements which have not been so generally recognized. The finest for general trucking.



GUARANTEED ANALYSIS

Ammonia	5 per cent.
Available Phos. Acid	10 per cent.
Potash	5 per cent.

Ton (12 bags) \$55.00; per bag, (100 lb.), \$4.50

Muriate Potash, 50 lbs. \$2.50; 100 lbs. \$4.50; Ton \$65.00

BLACK HAWK MANURE

High grade general Fertilizer for all Crops.

GUARANTEED ANALYSIS

Ammonia	4 per cent.	
Available Phos. Acid	8 per cent.	Ton (12 bags), \$47.00; per bag, (100 lb.), \$3.50
Potash	4 per cent.	

UNEXCELLED SPECIAL FERTILIZER

We recommend this fertilizer for a general line of crops, and consequently the trucker and market gardener is interested in buying that fertilizer which for the least cash outlay, will bring him the best returns; as it is no longer a question, but an actual fact, that from first class material, like our special Fertilizer, the purchaser will get the best results.

Equal to Ammonia	2 per cent.	
Available Phos. Acid	8 per cent.	Ton (12 bags), \$39.00; per bag (100 lb.), \$2.75
Potash	5 per cent.	

FINE GROUND BONE

AN EFFICIENT AND PERMANENT DRESSING FOR LAWNS; ODORLESS

GUARANTEED ANALYSIS

3 per cent. Ammonia	50 per cent. Bone Phosphate of Lime	
5-pound bag for space 20x25 feet		\$.40
10-pound bag for space 20x50 feet		\$.75
25-pound bag for space 25x100 feet		\$ 1.25
50-pound bag for space 50x100 feet		\$ 2.25
100-pound bag for space 1/4 acre		\$ 4.00
1 ton		\$60.00
167-pound bag		\$6 .00

NITRATE OF SODA

A fertilizer for all crops. It is very quick in action, and hastens maturity of crops fully two weeks. Being extremely soluble, it should not be applied until the crops are above the ground when 100 pounds per acre should be sown mixed with wood ashes. Does not exhaust the land.

1 lb. bag	\$0.12	25 lb. bag	\$1.75
5 lb. bag .....	.50	50 lb. bag	3.00
10 lb. bag .....	.90	100 lb. bag	5.00
167 lb. bag, \$7.00		1 Ton, \$75.00	

SUPER PHOSPHATE

16 per cent. Available Phosphoric Acid

This is one of our Fertilizers which is used in the largest quantity in most of our mixtures as a base.

Per 100 lbs.	\$ 2.25	Per 167 lbs.	\$3.00
Per ton	\$28.00		

SOIL INGREDIENTS

Adco. A culture of bacteria associated with the breaking down of organic materials. Add it to garden rubbish, leaves and grass clippings to hasten decay and quickly produce manure. 25 lbs. \$2.00, 150 lbs. \$10.50.

Ashes, Hardwood. These furnish potash. One to two tons per acre may be harrowed into land in winter or early spring. May be broadcast between rows of corn, potatoes, beets, carrots, etc., 10 pounds per 100 feet. 100 lbs. \$2.00, $\frac{1}{4}$ ton \$8.00, $\frac{1}{2}$ ton \$15.00, 1 ton \$25.00.

Bone Meal. Animal bone is generally considered by experienced growers to be far superior, as a source of phosphoric acid for most crops, to the mineral phosphates. The analysis shows $4\frac{1}{2}\%$ of ammonia with 23% total phosphoric acid, or 50% bone phosphate of lime. 25 lbs. \$1.25, 50 lbs. \$2.25, 100 lbs. \$4.00, 500 lbs. \$15.75.

Tankage. Similar in general effect to bone-meal, yielding lime and phosphoric acid. Used largely by the greenhouse man, and is excellent for grapevines. Allow 3 ounces per square yard (1,000 pounds to the acre) and rake in humus. 125 lb. bag \$5.00, 1 ton \$85.00.

Lime, Agricultural Hydrated. Corrects acid conditions of the soil, and at the same time is a plant-food; further, it liberates other foods in the soil. Binds loose soils and, curiously enough, opens heavy land. Quick acting. Use from 1 to 3 tons per acre; 6 to 18 ounces to the square yard. As a winter dressing to sweeten lawns, broadcast 1 ton to the acre or 6 ounces per square yard. 50 lb. bag 75c, 100 lb. \$1.25, 1 ton \$25.00.

Limestone, Pulverized. Slower to act than Hydrated Lime but the effect is felt over a longer period. Use from 2 to 4 tons per acre. 80 lb. bag \$1.00, 1 ton \$15.00. Especially favorable rates in carload lots.

Muriate of Potash. Excellent for potatoes, corn, grains, etc. Use from 350 to 750 pounds per acre. 50 lb. \$2.50, 100 lb. \$4.50, 1 ton \$65.00.

Nitrate of Soda. A plant stimulant. Adds nitrogen in a form which is immediately available to the plants. Forces a heavy, succulent growth in lettuce and similar leaf vegetables. Gives a jump to lawns, and, in fact, to all crops. Use it sparingly and with great care; not more than $1\frac{1}{2}$ ounces per square yard, or 500 pounds to the acre, raked or harrowed in. Give at one-half this rate to lawns, but first mix with four times its bulk of fine soil or sand. As a liquid fertilizer one ounce may be dissolved in one gallon of water. 1 lb. 12c, 5 lb. 50c, 10 lb. 90c, 25 lb. \$1.75, 50 lb. \$3.00, 100 lb. \$5.00, 167 lb. \$7.00, 1 ton \$75.00.

Peat Fiber. A vegetable product which remains in the soil for many years without decaying; in the meanwhile it absorbs and holds it for the plants. Its presence in the top layer of a lawn adds materially to the resilient carpet-like feel of good turf. As a mulch around the roots of plants it is excellent. May be used freely. Large bale, about 170 lb. \$4.00.

Pulverized Poultry Manure. An excellent fertilizer, rich in plant-food, for all garden crops, flowers, and lawns. Dig in 3 to 16 ounces per square yard, or $\frac{1}{2}$ to $2\frac{1}{2}$ tons to the acre. Mix freely with soil or sand when applying to lawns and then use only very little. 100 lbs. \$4.50, 500 lbs. \$17.00, ton \$60.00.

Salt, Agricultural. Occasionally used as a top-dressing for asparagus. Also effective as a weed-killer on roadways, paths, etc. 100 lb. \$2.00, 500 lb. \$9.00, ton \$32.00.

Stim-U-planT. Fertilizer in tablets. These may be placed in the soil around plants, in flower pots, or dissolved in water for a liquid fertilizer. 30 tablets 25c, postpaid 30c, 100 tablets 75c; postpaid 85c; 1,000 tablets \$3.50, postpaid \$3.65.

Sulphate of Ammonia. A nitrogenous plant stimulant, very quick in action, tending to make soil acid. Increases leaf-growth, much used on lawns, which it not only feeds, but weeds are discouraged; when top-dressing lawns apply 1 ounce per square yard or 350 pounds to the acre, but first mix with several times its bulk of soil or sand. Between rows of spinach, lettuce, cabbage, etc., 3 pounds to 100 running feet may be broadcast and hoed in. As a liquid stimulant dissolve 1 ounce in a gallon of water and apply to the roots of plants. 5 lb. 60c, 10 lb. \$1.00, 25 lb. \$2.00, 50 lb. \$3.50, 100 lb. \$5.50, 1 ton \$90.00.

Sheep Manure, Pulverized. Sheep manure probably enjoys a greater popularity than all of the other fertilizers of this type combined. It is a highly concentrated product, free from straw and rubbish and is entirely free of weed seeds. No danger from burning is entailed through the use of sheep manure. 2 lb. 25c, 5 lb. 40c, 10 lb. 75c, 25 lb. \$1.25, 50 lb. \$2.00, 100 lb. \$3.00, 1 ton \$48.00.

PLANTABBS are small, clean, quickly dissolving tablets without odor. Highly concentrated form of nitrogen, ammonia, phosphoric acid and potash in proper balance. Especially good inside where smelly fertilizer cannot be used, but equally effective on roses and other garden flowers. 25c Pkg.

STIMUGERM

Small Garden Unit. A composite culture of the bacteria essential for the growth of Peas, Beans, and Sweet Peas.

INSECTICIDES AND FUNGICIDES

Pyrethrol. Will control most soft-bodied insects. Japanese Beetle, Rose Chafers, Lace bugs, potato bugs, aphids, cabbage worms, current worms, white fly, thrips, cucumber beetle and many other types. $\frac{1}{2}$ lb tins, making 4 to 6 gals. finished spray **50c**, 2 lb. tins making 16 to 24 gal. spray **\$1.50**, 10 lb. tins making 80 to 120 gal. spray **\$6.00**.

Ant Destroyer. An effective remedy for Ants, $\frac{1}{2}$ teaspoonful required for each ant hill. **40c** per can.

Aphistrogen. Makes a complete spray for most sucking insects; prepared especially for roses and other plants. Per 4 oz. **75c**, **\$1.25** per $\frac{1}{2}$ lb., **\$3.50** per 2 lbs, 12 lbs. **\$15**.

Arsenate of Lead. Powder. Superior to paste in that it does not deteriorate from standing. Use 1 to $1\frac{1}{2}$ lbs. to 50 gals. of water. 1 lb. **28c**, 4 lb. **\$1.00**, 10 lb. **\$2.25**, 25 lb. **\$5.00**, 50 lb. **\$9.00**.

Black Leaf 40. A concentrated nicotine solution for aphids, thrip and red spider. Dilute 1 oz. to from 3 to 6 gals. of water. 1 oz. **35c**, $\frac{1}{2}$ lb. **\$1.25**, 2 lb. **\$3.25**, 10 lb. **\$11.85**. (Not mailable.)

Bordeaux Mixture. Powder Can be used dry or as a spray. When used as a spray 6 lbs. to 50 gals. of water will make standard 3-3-50 mixture. 1 lb. **28c**, 4 lb. **\$1.00**, 10 lb. **\$2.25**, 25 lb. **\$5.00**, 50 lb. **\$9.00**.

Bordeaux Asenate of Lead. Powder. Use 7 lbs. to 50 gals. of water. 1 lb. **50c**, 4lbs. **\$1.75**.

Hammond's Copper Solution for Mildew and Blight. Price, 1 qt., **\$1.25**; 1 gal., **\$4.50**.

Cyanogas, "Calcium Cyanide," Grade A, for the destruction of ground moles, wood chucks, rats and other rodents. Per lb. **\$100**, 5 lb. **\$3.50**. (Not mailable.)

Evergreen. A non-poisonous insecticide that is as equally efficient in both the flower and vegetable garden. Destroys a great number of both chewing and sucking insects without danger of burning the plants. 1 oz bottle **35c**; 6 oz. bottle **\$1.00**, pint **\$2.00**, quart, **\$3.50**, gallon **\$13.00**.

Insect Spray, "Red Arrow." A contact insecticide that may be used upon the most tender foliage without burning and the more delicate flower without staining. Economical to use being decidedly effective at dilutions of one to five hundred. Oz. **35c**.

Fungtrogen. A most effective and scientific preevntative and remedy for Mildew, Black Spot and other fungoid diseases of roses. Will not discolor foliage. $\frac{1}{2}$ pint **75c**, pint, **\$1.25**, quart **\$2.00**, half gallon **\$3.50**, gallon **\$6.00**. (Not mailable.)

Cut Worm Food. It is simple and easy to use. It consists of a material that is more delicious and is much more preferred by the CUTWORM than the plants themselves. It is sprinkled on the ground around the plant just as its found in package. 1 lb. **45c**, 5 lb. **\$1.50**.

Grape Dust. Powder. A remedy for mold and mildew. Ready for use as bought. 5 lbs. **\$1.00**, 10 lbs. **\$1.80**.

Insectrogen. A complete spray. Poison, fungicide and fertilizer. Highly effective for leaf chewing insects, and an equally efficient detergent for black spot on Roses, and Mildew and Red Spider on Phlox. Half pints **\$1.00**, pints **\$1.75**, quarts **\$2.75**, half gallons **\$4.50**, gallons **\$8.00**. (Not mailable.)

Kerosene Emulsion for Caterpillars. Price, 1 qt., **75c**; 1 gal., **\$2.00**.

Lemon Oil. Effective against scale and aphids. Particularly recommended for use indoors, since it has a pleasant odor. Dilute 1 part to 10 parts of water. $\frac{1}{2}$ pt. **45c**, 1 pt. **75c**, 1 qt. **\$1.25**, 1 gal. **\$3.00**, 5 gals. **\$12.00**.

Lime Sulphur Solution. The standard remedy for scale and for certain fungus. Use 1 part to 9 parts of water. 1 qt. **50c**, 1 gal. **\$1.00**, 5 gal. **\$3.75**, $\frac{1}{2}$ bbl. **25c**, gal. 1 bbl. **22c** gal.

Lime Sulphur. Powder. Apply 12 to 15 lbs. in 50 gals. of water. 1 lb. **30c**, 5 lb. **\$1.25**, 10 lb. **\$2.00**, 25 lb. **\$4.00**, 100 lb. **\$13.00**.

Tobacco preparations, either dust or liquid or both, is for sucking and soft bodies insects. It will be wasted on disease and hard-shelled insects. Sulphur for garden work. You will need it for mildews. Lime will prevent damage by slugs and snails. Lime-sulphur solution is necessary for scale insects on trees and shrubs. Miscible oils are good for winter spraying on these same insects, but injure foliage in spring. Either lead arsenate, calcium arsenate or paris green is needed for beetles, caterpillars and other insects that chew and swallow pieces of foliage. For small gardens a small package of each will be necessary. Any surplus (except for lime) will be good for several years.

INSECTICIDES AND FUNGICIDES

Nico Fume. Liquid. An effective vaporizing liquid. $\frac{1}{4}$ lb. 85c, 1 lb. \$2.25, 4 lb. \$7.00, 8 lb. \$11.50.

Para-Dichlorobenzene. Highly recommended for destroying the peach borers in trees four years and older. During September a ring of the crystals is placed on the soil around the trunk and covered by mounding the earth against the tree. One ounce is sufficient for each tree. 1 lb. can 50c.

Paris Green. $\frac{1}{4}$ lb. 15c, $\frac{1}{2}$ lb. 30c, lb. 50.

PYRØX (Bowker's). The one best and safest all-round spray which kills all leaf-eating insects and prevents blight and all fungous troubles, without injury, on trees, grape-vines, currant bushes, potatoes, cantaloupes, cucumbers, and other garden vegetables, also on rose bushes, shrubbery, etc. It is a creamy paste which looks like paint and "sticks like paint." It needs only to be mixed with cold water and it is ready to apply. 1 lb. 50c, 5 lb. \$1.75, 10 lb. \$3.00, 25 lb. \$6.25, 50 lb. \$10.75, 100 lb. \$15.50; 300 lb. \$43.50.

Scalecide. Used for the destruction of the San Jose scale. Dilute at the rate of one gallon to twenty gallons of water. Scalecide does not clog nozzles, hose or pump, and is pleasant to use. Trees may be sprayed in winter and early spring before they start to come to bud. Qt. 75c, gal. \$1.75, 5 gal. \$6.25, 10 gal. \$10.60, 15 gal. \$13.50, 30 gal. bbl. \$25.00, 50 gal. \$35.00.

Semesan. A Mercuric Disinfectant. As a remedy for the malignant grass disease called "Brown Patch," Semesan has been successful, spectacularly so, and is now used throughout the country, both to prevent and cure attacks of this parasite on golf-courses, turf tennis-courts, baseball diamonds, and estate lawns. 2 oz. 50c, lb. \$2.75, 5 lb. \$13, 25 lb. \$56.25, 100 lb. \$220.

Semesan, Jr. An equally effective form of Semesan for the dry dust disinfection of both field and sweet corn seeds against the ear, root, and stalk rots. 4 oz. 50c, lb. \$1.75, 5 lb. \$8, 25 lb. \$31.25, 100 lb. \$120.

Semesan Bel. Applied to whole or cut seed potatoes, either as a dry powder or a white-wash-like water mixture, Semesan Bel will prevent or control the common seed-borne potato diseases. 4 oz. 50c, lb. \$1.75, 5 lb. \$8, 25 lb. \$31.25, 100 lb. \$120.

Slug Shot. One of the most known remedies for cabbage and currant worms. Apply as bought. 1 lb. 20c, 5 lb. 60c.

Snarol. An effective bait for controlling Cutworms, Grasshoppers, Snails, Slugs and Sow Bugs. Not injurious to plants or other vegetation. One pound 50c, three pounds \$1.00, 15 lb. bag \$3.75, 50 lb. sack \$10.00. (Not mailable.)

Soap, Fish Oil, or Caustic Potash Fish Oil. Remedies for scale and aphids. 1 lb. 30c, 5 lb. \$1.25, 25 lb. \$4.50.

Sulphur. Powdeerd. For mildew. 1 lb. 15c, 5 lbs. 60c, 10 lbs. \$1.00, 100 lb. \$6.00.

Sulphur Candles. For fumigating the conservatory and greenhouse; also the sick-room. 15c each, \$1.50 per doz.

Thrip Juice (Hammond's). Very effective against aphids, red spider, mealy bug, etc. Qt. \$1.50, gal. \$4.25.

Tobacco Dust. The best of the Tobacco Dusts for dusting or fumigating. Lb. 25c, 5 lb. 60c, 10 lb. \$1.00, 25 lb. \$2.00, 50 lb. \$3.75, 100 lb. \$7.

Tree Tanglefoot. A paste preparation for painting around the trunks of trees, in the form of a band. Caterpillars and other crawling pests cannot get over it. Lb. 60c, 5 lb. can \$2.75, 10 lb. can \$5.25, 25 lb. \$11.

Tree Wound Paint. Prevents decay. A residuum, penetrating, antiseptic paint that is not affected by heat, cold or moisture. Does not peel, crack or get brittle. Stops tree bleeding. Pt. 60c, 1 qt. \$1.00, 1 gal. \$3.50.

Volek. A refined oil emulsion that may be used on foliage with entire safety. Effectually controls scale, mealy bug, white fly, red spider, aphids, thrips, etc. Does not discolor foliage, but rather imparts a bright glossy appearance. One gallon makes from 32 to 100 gallons of spray solution. Half pint 50c, pint 75c, quart \$1.00, gallon \$3.00, 5 gal. \$12.

Wilson's Weed Killer. Kills all plant growth. Dilute 1 part to 40 parts of water. Applied with an ordinary watering can. 1 qt. 50c, $\frac{1}{2}$ gal. 85c, 1 gal. \$1.50, 5 gal. \$5.50.

Wilson's O. K. Plant Spray. An insecticide that is equally good upon house plants as well as in the garden. It will destroy aphids, red spider, lace wing fly, currant worms, and other soft bodied insects. $\frac{1}{2}$ pt. 45c, 1 qt. \$1.00, 1 gal. \$3.00, 5 gal. \$12.

Zenoleum. A coal-tar product that is a powerful disinfectant, deodorant and germs destroyer. For use in stables, poultry-houses, dog-kennels, etc. $\frac{1}{2}$ pt. 35c, qt. 75c, $\frac{1}{2}$ gal. 1.25, gal. \$1.75, 5 gal. \$8.



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